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POTTER, FISKE, RAWSON CO.

1914

SEED ANNUAL

12 AND 13 FANEUIL HALL SQUARE
BOSTON, MASS.

Fottler, Fiske, Rawson Co.

REQUISITES

FOR THOSE WHO TILL THE SOIL

"Boston Quality" Highest Grade Seeds
is the Best Quality for Everybody

Superb Strains Vegetable Seeds
Choicest Varieties Flower Seeds
Excellent Quality Bulbs

FOR THE

Private Gardener, Market Gardener, Florist and for Home Gardening

The Faneuil Hall Square Seed Store

Incubators, Brooders, Poultry Supplies, Plants, Shrubs, Evergreens, Hedges, Ornamental and Fruit Trees, Small Fruits

Fertilizers, Insecticides, Fungicides, Sundries, Spraying Implements

12 & 13 FANEUIL HALL SQUARE
BOSTON, MASS.

Telephone, Main 3201

Private Branch Exchange Connecting all Offices

SPECIAL NOTICE

Parcel Post Rates and Seed Mailing Rates

WE wish to call the attention of our customers to the rates by which **Seeds, Plants and Bulbs** may be forwarded by mail. **The New Parcel Post Rates do not** include Seeds, Plants and Bulbs. The Special Rates have **not** been changed for the mailing of Seeds, Plants and Bulbs, and these may be forwarded as heretofore by mail.

SEED, PLANT AND BULB RATES FOR MAILING. Each two ounces or fraction, one cent ($0.01), or eight cents per pound, anywhere in the United States. Limit of weight in each zone from the third to the eighth, eleven pounds. Limit of weight in the local, first and second zones, twenty pounds. Packages weighing over three pounds usually cost less by express, in the local, first and second postal zones. Merchandise, such as small tools, labels and sundries weighing under eleven pounds (purchaser paying transit) may be sent at the regular Parcel Post rates. We will upon inquiry advise the approximate cost of mailing charges of special items at all times.

Packages must not exceed 72 inches (length and girth combined).

United States Parcel Post Rates (Seeds, plants and bulbs are not included)	First pound or fraction	Each additional pound or fraction	
Local Rate—Boston P. O. and Sub-Stations	$0.05	$0.00½	Limit of weight this zone, 20 lbs.
1st Zone within 50 miles of Boston	.05	.01	" " " " " 20 "
2d " over 50 and under 150 miles of Boston	.06	.04	" " " " " 20 "
3d " " 150 " " 300 " " "	.07	.05	" " " " " 11 "
4th " " 300 " " 600 " " "	.08	.06	" " " " " 11 "
5th " " 600 " " 1000 " " "	.09	.07	" " " " " 11 "
6th " " 1000 " " 1400 " " "	.10	.09	" " " " " 11 "
7th " " 1400 " " 1800 " " "	.11	.10	" " " " " 11 "
8th " All cities and towns over 1800 " " "	.12	.12	" " " " " 11 "

All small Parcel Post packages (seeds, plants and bulbs not included), weighing 4 ounces or less, can be sent at the special rate of 1 cent per ounce or fraction to all parts of the United States. (Over 4 ounces must be sent at Parcel Post rates.)

WE DELIVER FREE to any Post Office in the United States all flower and vegetable seeds quoted in this catalogue by the packet, ounce, half-pound and pound. Also bulbs at single and dozen rates, except where noted.

If Beans, Peas and Corn are wanted by the pint or quart, please refer to pages on which they appear in this catalogue for delivery price.

WE DO NOT DELIVER Fertilizers, Insecticides, Potatoes, Grass and Farm Seeds, Plants, Shrubs and Sundries. Plants which may be sent by mail are specified at the heading of such variety, otherwise we are obliged to make shipments by express.

Bureau of Employment

We constantly receive applications from reliable, experienced men who desire to make a change in their employment. We should be pleased to furnish their names to anyone wishing to engage a Superintendent, Head Grower or Assistant. No charge for this service.

Special Department

We take pleasure in giving suggestions as to the use of shrubs and plants necessary to further beautify your grounds; the laying out and building new lawns or renovating old ones; where necessary we will draw plans of your grounds and designate where shrubs are to be set. If you wish we can furnish experienced men to perform the work.

We give prompt and personal attention to all inquiries through the mail.

Deliveries

Our seeds, bulbs and plants are all well packed to withstand general transportation and every precaution taken for their safe delivery to the purchaser.

In case of accident by broken packages, bulbs being lost or jammed and bruised, plants broken, or seeds lost, either sign for them "damaged," or refuse to accept such and have transportation company return them to us, notifying us instantly of same.

We do not pay freight or express charges. We guarantee safe delivery to the Railroad and Express Companies. Our responsibility ceases when we take Railroad or Express signature.

REMITTANCES should be made in the form of Express Money Order, P. O. Money Order, Bank Draft, or Registered Letter.

CUSTOMERS CAN SEND ORDERS BY EXPRESS, as all express companies have purchasing departments in all their offices. They make no charge other than the regular rates for transportation of the goods.

WHEN ORDERS ARE NOT ACCOMPANIED BY CASH, parties who have no account with us must furnish satisfactory references, Boston preferred on account of a saving of time. Charge orders from unknown parties not accompanied with references will be delayed, pending the usual investigation.

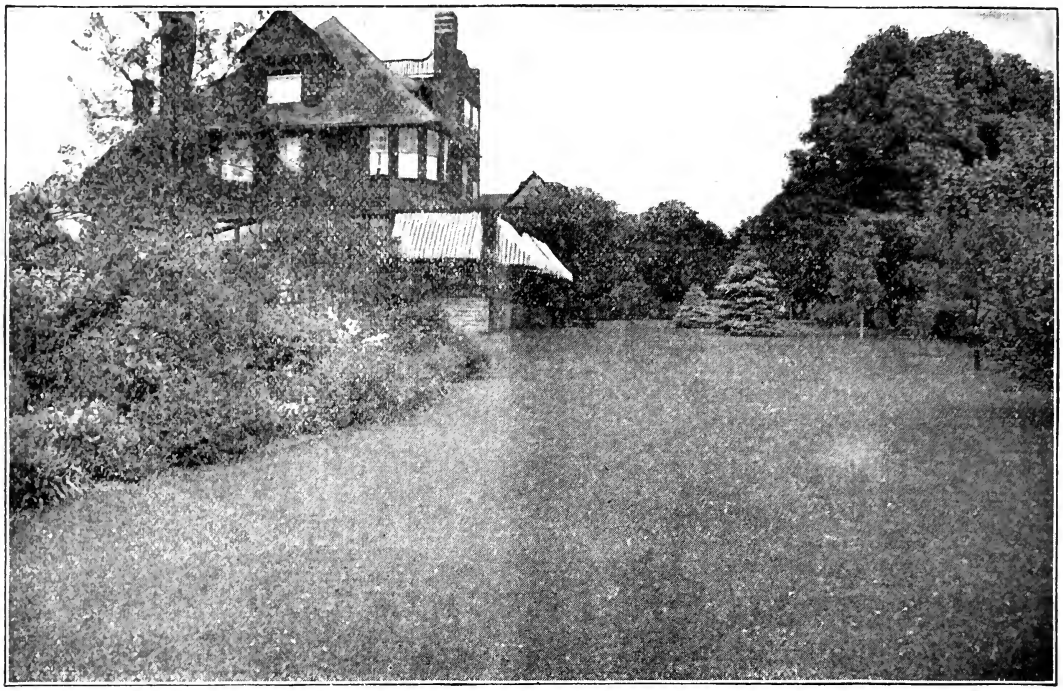
WE MAKE NO CHARGE FOR PACKING CASES, baskets or barrels. We charge for cloth bags only and these at cost. Peck bags, 10c., ½ bus. 12c., 1 bus. 15c., 2 bus. 20c.

NON-WARRANTY. We give no warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds, bulbs or plants we send out and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms they are at once to be returned.

FOTTLER, FISKE, RAWSON CO.

FRANKLIN PARK LAWN SEED

TRADE MARK REGISTERED



FRANKLIN PARK LAWN SEED

A Superior Mixture of Selected Grasses for Lawns, Terraces, Croquet Grounds, Etc.

You will find no chaff or dirt in our Franklin Park Lawn Seed; it starts at once.

The mixture of grass seed that we sell under this name is made by the identical formula used by the Park Commissioners of the City of Boston in their work in laying out the beautiful lawns and terraces, which add so much charm to our new parks. For many years the grass seed used on these parks has been supplied by us, which fact should be a strong guarantee of quality. The Franklin Park mixture gives a fine, velvety sward within a few weeks after sowing. Weight per bushel, 32 lbs. The very large demand for this lawn seed has necessitated our having the name " Franklin Park " registered as a trade mark, in order to protect ourselves from imitators.

Our **Franklin Park Lawn Seed** is made up of all the recleaned seeds of different varieties that will make a good lawn quickly, so that when the seed is sown, if the ground is in proper shape, it will start at once and in a short time show a beautiful, deep green lawn and retain the same during the season with slight attention.

1 pint will sow 250 sqare feet	**$0.20**	*This price at our store, Boston*
1 quart will sow 500 square feet	**.30**	
2 quarts will sow 1,000 square feet	**.55**	
4 quarts will sow 2,400 square feet	**1.00**	
8 quarts will sow 5,000 square feet	**2.00**	
2 bus. will sow 1 acre. Per bus. of 32 lbs.	**7.50**	

Is free from weeds.
No chaff seeds.
It starts at once.
The cheapest to use.

Delivered to any Railroad Station, Express Office or Post Office in the United States

Pint	Quart	4 qts.	8 qts.	Bus. of 32 lbs.	*This price delivered in your town or city.*
20c.	**40c.**	**$1.25**	**$2.40**	**$8.25**	

Note the weight of our lawn seed compared with other brands. The reason our price may seem high is that the seeds used have all been recleaned and are absolutely free from weed seeds. We do not hesitate to say that **Franklin Park Lawn Seed** is the **purest, cleanest,** and **heaviest** Lawn Grass Seed offered.

BOSTON QUALITY LAWN SEED

What is more attractive than a well-designed house surrounded by artistically treated grounds and a beautiful lawn, the rich, green, velvety turf being always the most attractive?

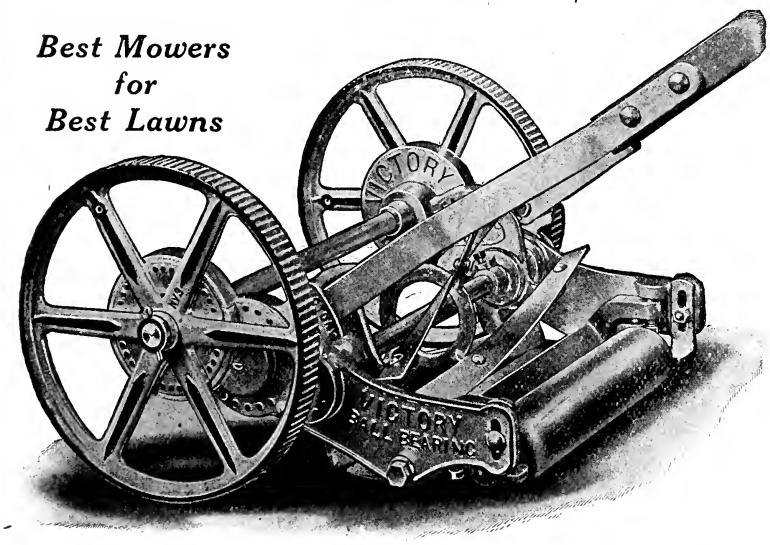
You can make your lawn by using sod or sowing seed. If sods are used you may have your lawn quicker, but it is not to be compared to the one sown by seed, as the dry weather causes creases to form, about which the grass dies out, and the grasses in the sod usually found in the pastures or on the roadsides, and which is generally the kind used, are not the sort to make a smooth turf on a lawn.

Use the "Boston Quality Lawn Seed." It is not the work of a novice to select varieties of grasses that will produce a lawn for all situations, but he must be a person of long experience and thorough knowledge of the growth of grasses that will make a good turf. You will find the **"Boston Quality Lawn Seed"** one that meets the requirements. It is composed of such grasses that make a good turf, carefully blended together in such proportions as will produce a good lawn when properly prepared and will grow under varied conditions, soils and climates and at different seasons of the year. Here is the advantage of the **"Boston Quality Lawn Seed."**

For making new lawns use 4 bushels to acre; 1 qt. will sow 300 square feet or a plot 15 x 20 feet.

Pint	**$0.15,**	delivered free	**$0.20**
Quart	**.25,**	delivered free	**.35**
2 quarts	**.45,**	delivered free	**.60**
4 quarts	**.85,**	delivered free	**1.10**
¼ bushel	**$1.50,**	delivered free	**$1.85**
½ bushel	**2.75,**	delivered free	**3.20**
Bushel	**5.00,**	delivered free	**5.50**

Best Mowers for Best Lawns

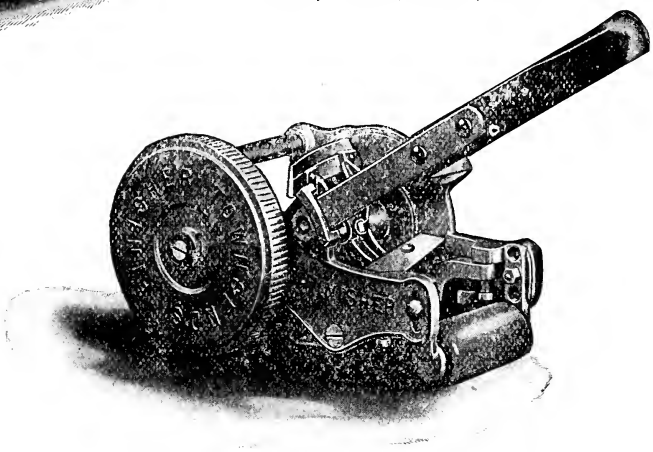


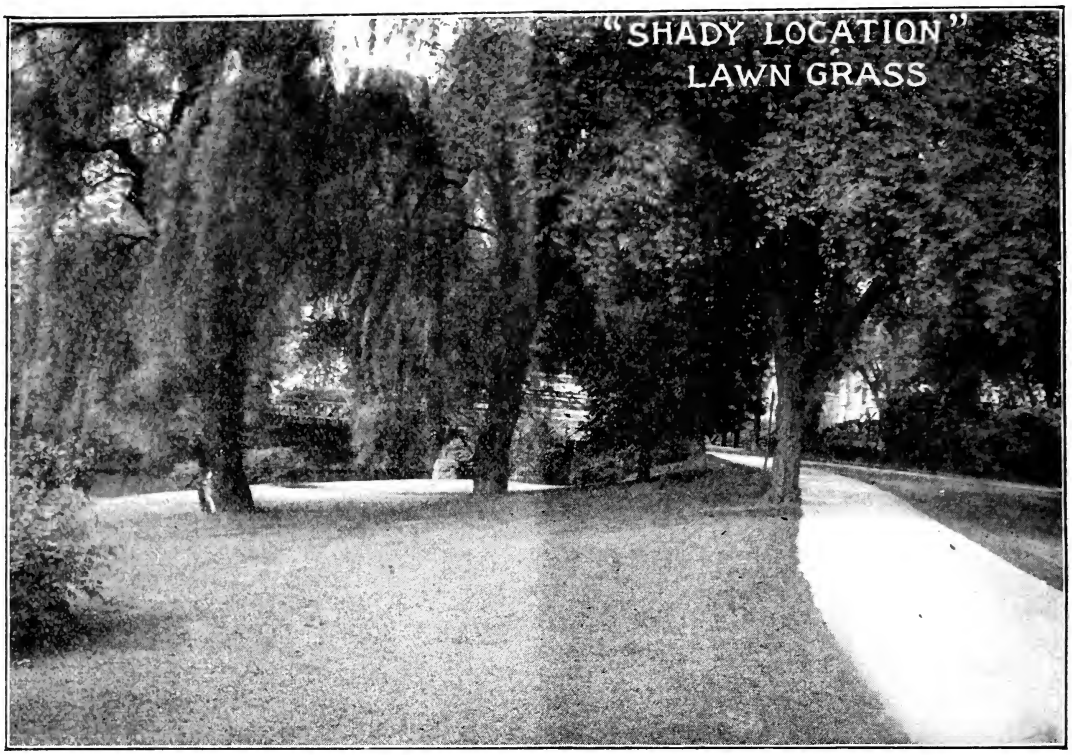
LAWN MOWERS
Victory Ball Bearing

The Victory is especially adapted to cutting fine lawns. Its long wheel base adapts it to going over lawns too rough for most mowers. Its compound triple gear permits of the maximum strength with the minimum weight. These gears are entirely enclosed so that no dirt or cut grass can get into the pinions and clog them. It has a 10-in. wheel, 5½-in. reel, 4 blades, crucible steel, oil tempered; lower blade is also crucible steel, oil tempered. Of the many mowers of all makes that we repair during the year, this mower comes back with its working mechanism the cleanest. **Prices: 14-in., $8.50; 16-in., $9.50; 18-in., $10.50; 20-in., $11.50.**

Townsend Lawn Finisher

The most satisfactory machine offered for trimming and finishing lawns and borders. Quicker and easier than trimming by hand, producing equal results. Will cut within one-quarter inch of buildings, fences and curbings, and especially adapted for narrow borders around flower beds, shrubbery and hedges. 6¾-in. wheels, 5½-in. reel, 3 blades, width of cut 5 in. Lower blade—Crucible steel, tempered. Finish—Blue wheels, gold frame. Cast bush journals, self-aligning, warranted. Only ⅛-in. of metal between ends of blades and any obstruction to be cut around.
Price. $4.50.





SHADY SPOT LAWN SEED

For sowing on the north side of buildings, between houses, and for securing a lawn under large shade trees.

In many lawns there are places which seem as if nothing can be grown; some are shaded by large trees and others by buildings. For these locations we have offered for some time our **Shady Spot Lawn Seed,** which readily meets the desired requirement.

It is always advisable for those who are seeding down the shady places to supply new soil, if possible, especially if the large trees are producing the shade, as their roots spread so fast and exhaust the nourishment in the soil. In the event of not being able to supply new soil, the ground should be well dug over and if tree roots predominate, these should be taken out.

In most places where grass seed is to be sown, when shaded by buildings, the soil will have a tendency to sour, and in such cases we strongly recommend the use of slaked lime (about 50 lbs. per 1000 sq. ft.).

This special mixture for shady locations is selected from the best grasses possible to obtain for this purpose, and only those that will grow and flourish under shady conditions are used.

The ordinary lawn grass might grow for a short time, but as a general rule they will not last but one or two seasons and then make a poor showing.

Shady Spot Lawn Seed if sown in these places will undoubtedly grow and produce the best satisfaction.

PRICE AT OUR STORE

Pt. 15c., qt. 25c., 2 qts. 45c., 4 qts. 85c., pk. $1.50, ½ bus. $3.00, bus. $5.50.

PRICE DELIVERED

Pt. 20c., qt. 35c., 2 qts. 60c., 4 qts. $1.10, pk. $1.85, ½ bus. $3.45, bus. $6.00.

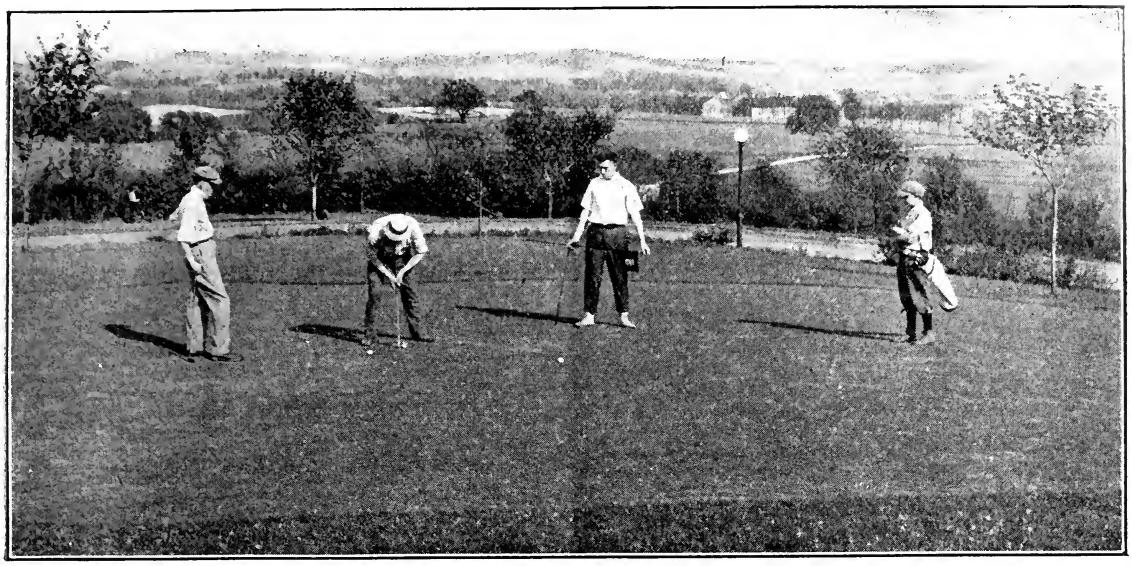
The grasses used in making this special mixture are only those which are well adapted for growing in the shade, which in their natural and wild state grow and mature under these conditions.

SHEEP MANURE. Wizard Brand

Natural manure; produces quick results and deep colored grass. The best top dressing for lawns. Clean to use, easy to apply. Free from weed seeds. Use 100 lbs for 2000 sq. ft. lawn or one ton per acre.

50 lbs. $1.25, 100 lbs. $2.00, ton $35.00.

A complete list of varieties of Grass Seeds and Clovers for those using separate kinds and for those who desire to make their own mixtures.



GOLF LINKS MIXTURE

Special Mixtures of Grasses for Pleasure Grounds, Golf Links, Putting Greens, Etc.

We have given much attention to the grasses used in putting greens, golf links, etc., as there is no purpose for which turf is grown that is so exacting. No other grass is required to stand so much rough usage, and it is, therefore, very necessary that the proper varieties be used to produce a thick and lasting sod. Foreign grasses are largely used in our mixtures, selecting those that thrive well here, with the addition of some American varieties that are equally fine and that have proved satisfactory in our experiments as well as in practical results obtained on the various golf courses. By using these mixtures, which are prepared specially for each use and with proper care, the finest putting greens and fair greens can be had.

Choicest Quality Golf Links Mixture, lb. 25c., 100 lbs. $23.00., 1000 lbs. @ 20c. per lb.

Putting Green Grass Mixture

1 qt. 30c., postage paid 40c.
4 qts. $1.00, express paid $1.25.
1 pk. $1.75, express paid $2.00.
1 bus. (20 lbs.) $6.00, express paid $6.50.
Sow at the rate of 5 bus. to the acre.

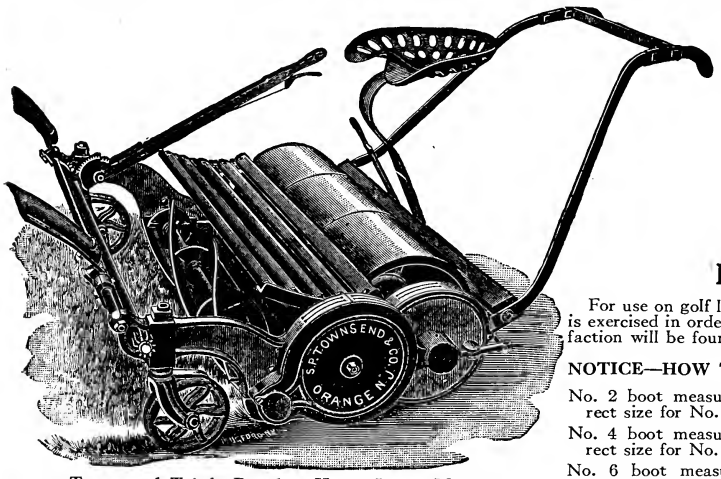
Fair Green Grass Mixture

25c. per lb., 100 lbs. at 23c. per lb., 1000 lbs. at 20c. per lb. 50 lbs. should be sown per acre.

Special Mixtures for Special Locations

We have many inquiries from customers who have made experiments of their own, and have found that certain varieties of grass will do better than others on their land. We are well aware that we cannot make one mixture that will do for all lands and are pleased to have our customers consult with us regarding varieties suitable for their particular land, or if they have certain varieties to include in their mixture we are only too pleased to serve them in this way, for we have, on page 51, a very complete list of fancy varieties that we always carry a large stock of and will put up any mixture desired. We have facilities for executing all such orders promptly.

HORSE LAWN MOWER FOR GOLF LINKS AND PRIVATE ESTATES



Townsend Triple Ratchet Horse Lawn Mower

Townsend Horse Lawn Mower

Its special features are: triple rolls with triple pawls in each roll, making the most powerful and instantaneous driving mechanism ever put in a lawn mower. This feature maintains the motion of the blades even in turning sharp corners. A lever beside the driver enables him to cut any height from the ground and to easily and quickly raise the blades over stones or other obstructions without stopping the horse or leaving the seat. Large rolls 15 in. in diameter insure great power and ease of movement. Prices, 30 in. $68.00, 35 in. $80.00, 38 in. $90.00, f. o. b. factory.

Horse Lawn Boots

For use on golf links, tennis courts and fine lawns. Where care is exercised in ordering by size to fit the horse's feet, perfect satisfaction will be found. Price, $10.00 per set of four.

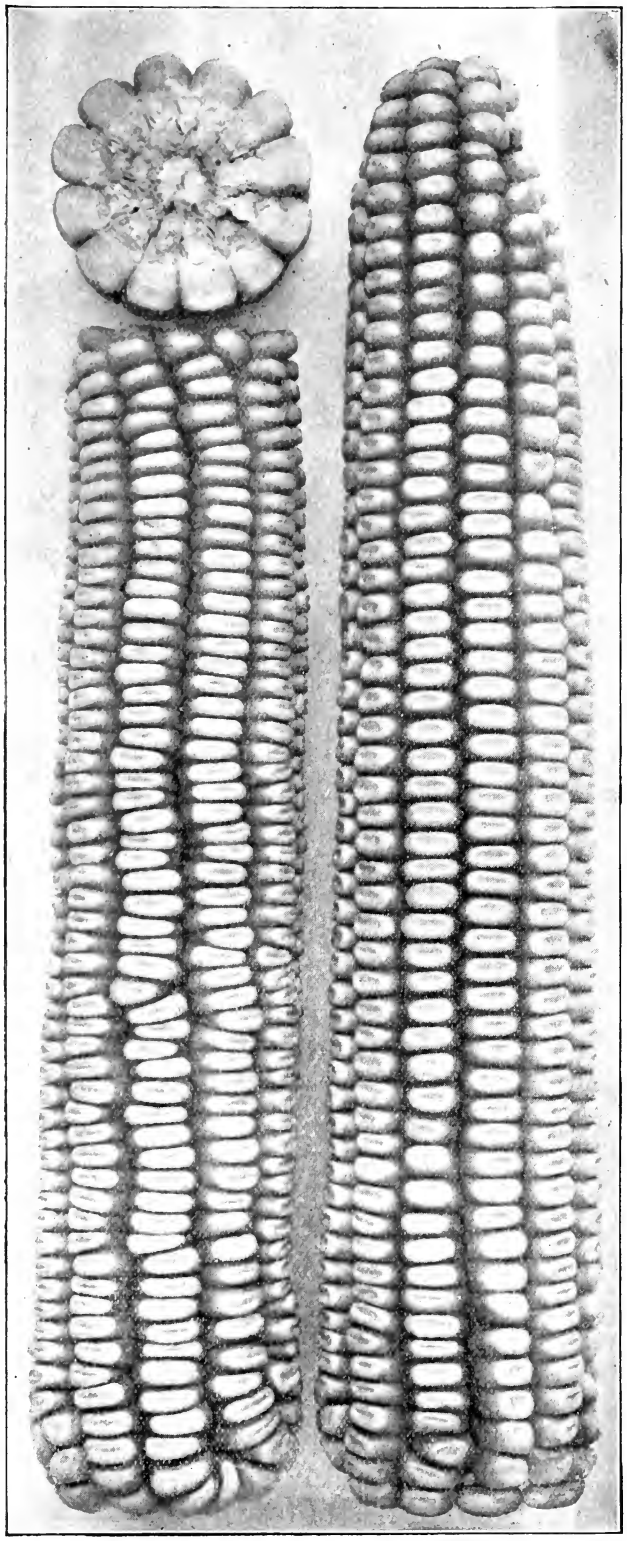
NOTICE—HOW TO ORDER BY SIZE

No. 2 boot measures inside 5½ in., correct size for No. 2 horseshoe.

No. 4 boot measures inside 6½ in., correct size for No. 4 horseshoe.

No. 6 boot measures inside 7 in., correct size for No. 6 horseshoe.

Horse Lawn Boot

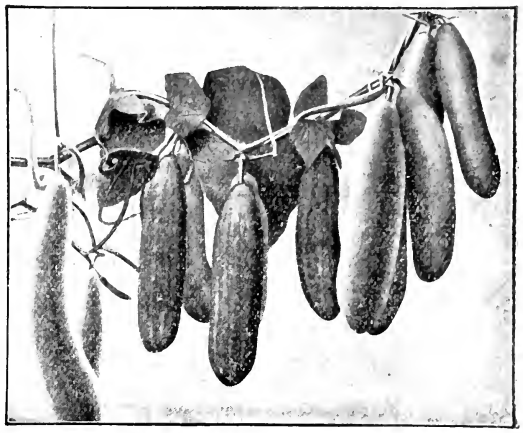


Eureka Ensilage Corn (⅔ *Natural Size*)

CORN Eureka Ensilage

The tallest and best ensilage Corn; produces more valuable material for the silo than any other, and is also very productive of ears. Eureka is a choice selection of Southern Corn and in its native latitude has shelled out 100 bushels to an acre. For ensilage its value is due to its enormous growth and great production of leaves and ears; the main purpose of a silo is to preserve the largest possible quantity of fresh green foliage and ears that can be obtained from the smallest area. The Eureka will absolutely do this and has proven it to a great many farmers.

Qt. 15c., pk. 75c., bus. $2.50.



Cucumber, Rival

CUCUMBER Rival New Frame Variety

A surprisingly new Cucumber, obtained from the various crossings between hybrids of Noa's Forcing and Triumph. Its wonderful productiveness is in great excess of all other existing sorts. The vines are of a particularly robust but compact growth, thereby requiring but a very small amount of cutting back.

The fruits attain a length of fully twelve to fifteen inches, while the color is a light, persistent green, slightly striped, and they have well defined white spines.

Two or three fruits are borne successively at the axils of each leaf, continuing until late Autumn.

Pkt. 25c.

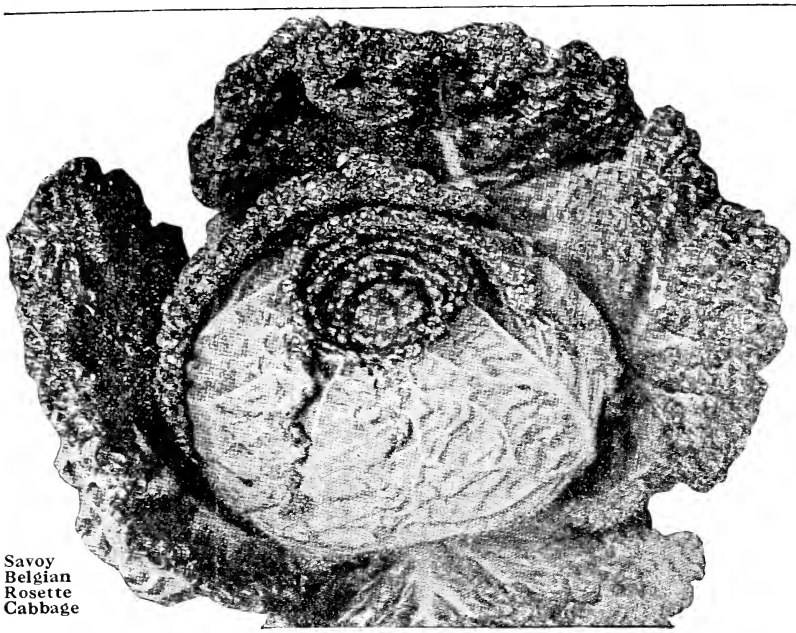
CARROT Earliest Hardy

An excellent new variety which will prove very valuable to all growers who are not equipped with appliances for forcing, as this new sort is possible to be grown in the open ground quite as early as the delicate frame varieties, and at a very much reduced expense.

It will prove an indispensable variety for both private growers and market gardeners and is without an equal.

The quality is fully equal to that of the best late varieties, while the form and color are exceedingly attractive, the foliage being sufficiently large to allow for bunching.

Pkt. 10c., ½ oz. 20c., oz. 35c., ¼ lb. $1.00, lb. $3.50.



Savoy Belgian Rosette Cabbage

CABBAGE

Savoy, Belgian Rossette

A very striking new Savoy Cabbage of very compact growth; the heads are round and firm, usually attaining six to eight inches in diameter, with the peculiarity of the leaves which closely encircle the stalk in the form of a rosette, as shown in illustration, and do not overlap as in most all other kinds.

The outside leaves are of a dark green color, while those inside are a yellowish green and closely laminated.

The flavor is most agreeable, being similar to that of the Brussels Sprouts.

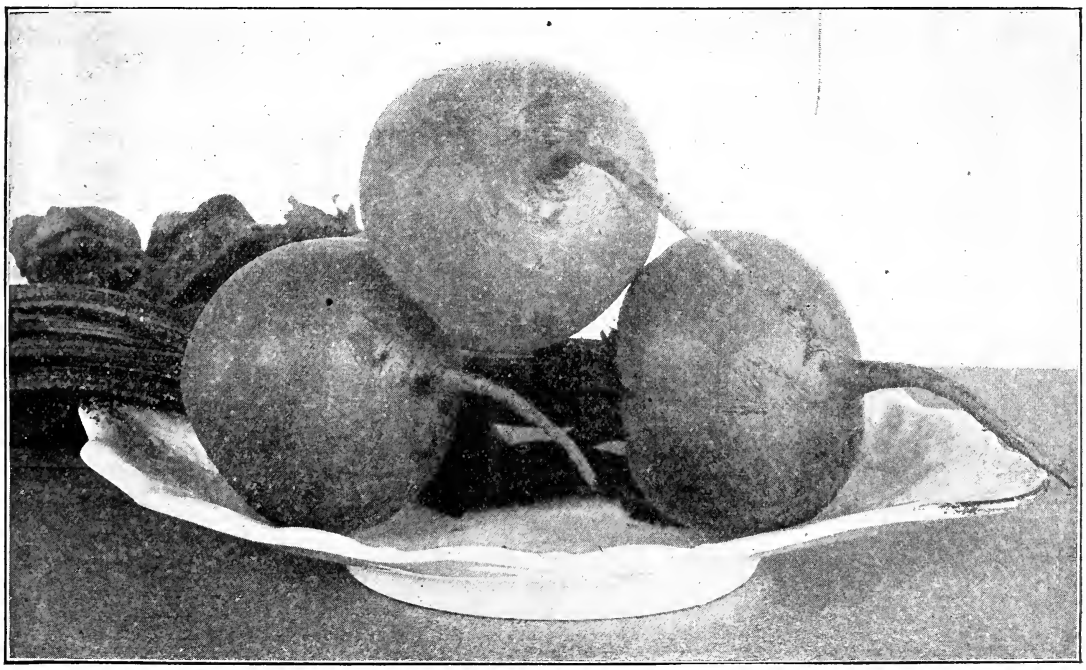
Pkt. 15c.

BEET Crosby Improved Egyptian

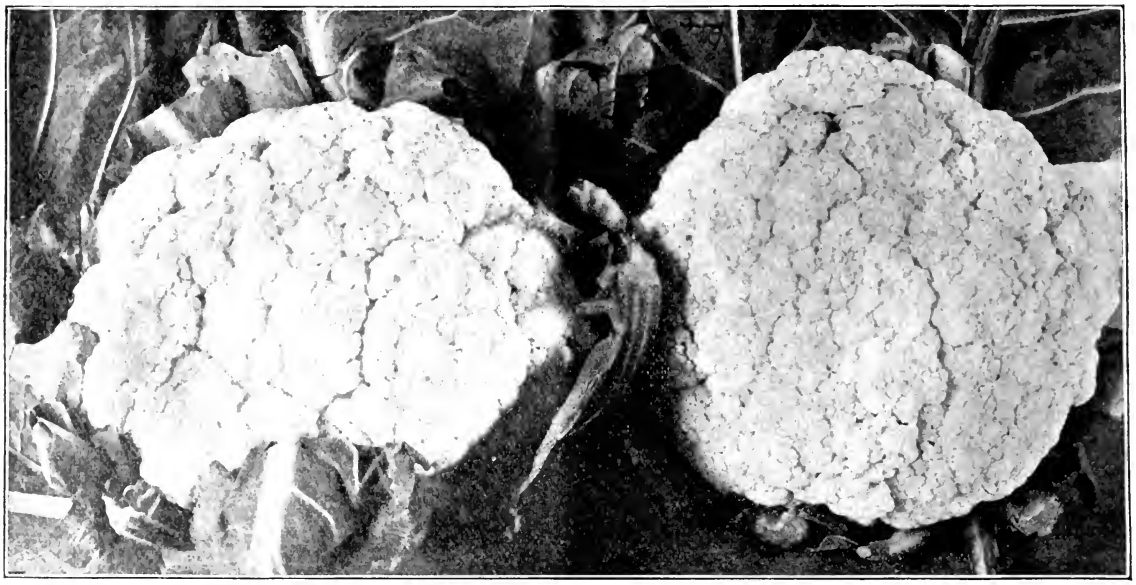
Market Gardeners' Strain

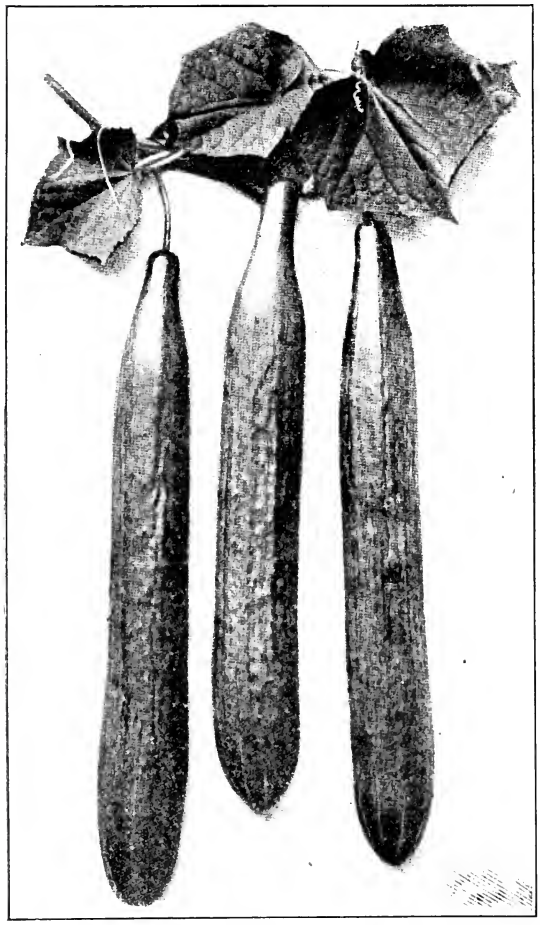
For forcing, nothing better. For extra early outdoor growing, for bunching, it excels all. The small top makes it profitable for greenhouse growing, its shape profitable for market.

This is the best extra early variety grown for this market. Has a small top and excellent form and a small tap root; almost every Beet uniform in size; is in every way a great improvement over the old variety of Egyptian Beet. It was improved by the late Josiah Crosby, and is now the most perfect extra early Beet grown. Our stock is all grown with great care as to *trueness of shape and color.* We have only a limited amount of seed of this particular selection. **Pkt. 5c., oz. 15c., ¼ lb. 50c., lb. $1.50.**



Crosby Improved Egyptian Beets





Cucumber, "Market Champion"

CAULIFLOWER

All Seasons

May be sown at all seasons

A Cauliflower of recent introduction originating in France, which has merited the name which it justly deserves. This new variety may be sown at any season of the year with equal prospects of success. It may be sown in March, which will allow maturing for use during August; and again in June for late Fall use, being ready during October and November; it may also be sown in September and October for planting out in February and March, and on heat in February for the June cutting. Whenever this Cauliflower comes to maturity it is of excellent quality.

Pkt. 25c., ¼ oz. $1.00, ½ oz. $1.75, oz. $3.00.

CUCUMBER "Market Champion"

(A New Disease-resisting Variety)

Many of the Cucumbers recently introduced have been remarkable more for their extraordinary size than for their cropping qualities, or freedom from disease, but we are convinced that this new variety will become as popular with the grower who grows for market as with the private grower. In one house, with several other varieties, it was the only one to show itself disease-proof, nor has it in any case, so far, been attacked. The raiser used Butcher's Disease Resister as one of the parents, and has succeeded in obtaining a variety as robust in withstanding disease as this, but with far finer fruit, and a very much heavier cropper.

The best description of the fruit is to compare it with a very fine Telegraph, but it has qualities which make it a great improvement on this variety in every way. It sets its fruit with remarkable freedom and evenness; seconds are practically absent. The vine is small-leaved and vigorous, and the fruit equal in every respect to those of the finest strain of Telegraph.

With these qualities, and all the natural vigor of a new cross, Market Champion is undoubtedly destined to prove the most largely grown Cucumber of this class for some time to come.

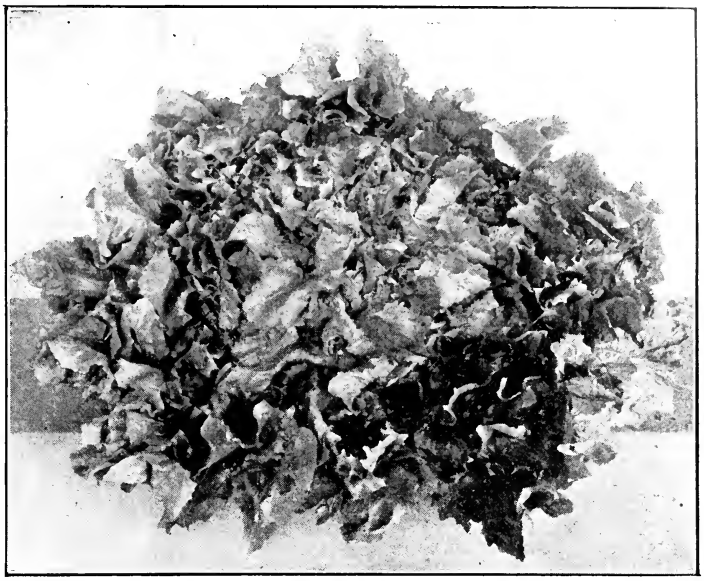
Pkt. 25c.

Endive Batavian Autumn Giant

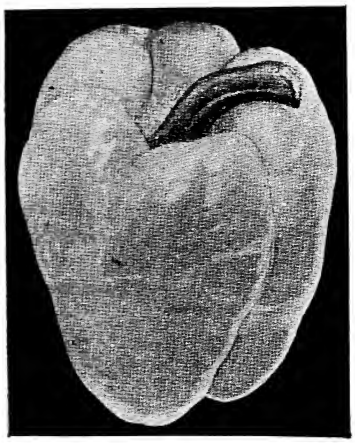
A new and improved strain of Batavian Endive

A really giant Endive, forming magnificent heads of a particularly pleasing color, but will not withstand severe frosts. The size and quality of this new Endive are quite in advance of any strain at present on the market. The heart is large and full and bleaches quite as easily as any sort, and by the same methods usually employed.

Pkt. 10c., oz. 25c., ¼ lb. 75c., lb. $2.50.



Batavian Endive, Autumn Giant



Pepper; White Prince

Pepper White Prince

A novelty, producing a color not often seen in vegetables. This new Capsicum, or Pepper, is distinguished by the shining creamy white color of the young fruits; the average length is from three to four inches, with a circumference of eight and one-half to ten inches. While all the other varieties of Pepper are green when at the edible stage and rapidly turn yellow or red when ripening, these remain white until their full size has been attained, at which time they commence to ripen and the color changes to yellow and finally to a brilliant orange. Seed should be sown in hotbed or greenhouse during March and April, and planted in the open ground after danger from frost. **Pkt. 15c.**

Vegetable Marrow

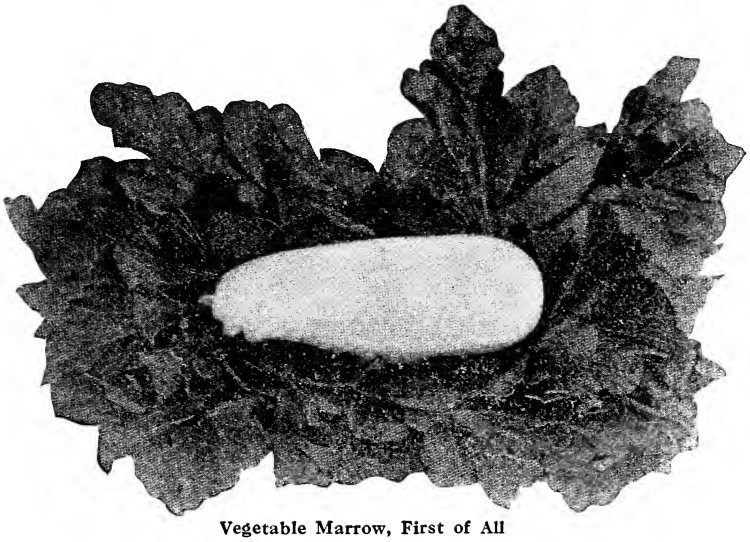
First of All

A long, white, running variety, but extremely early, coming in before any of the other long sorts, bearing its fruit immediately when it begins to run.

This Vegetable Marrow is the result of crossing the White Bush with the Long White.

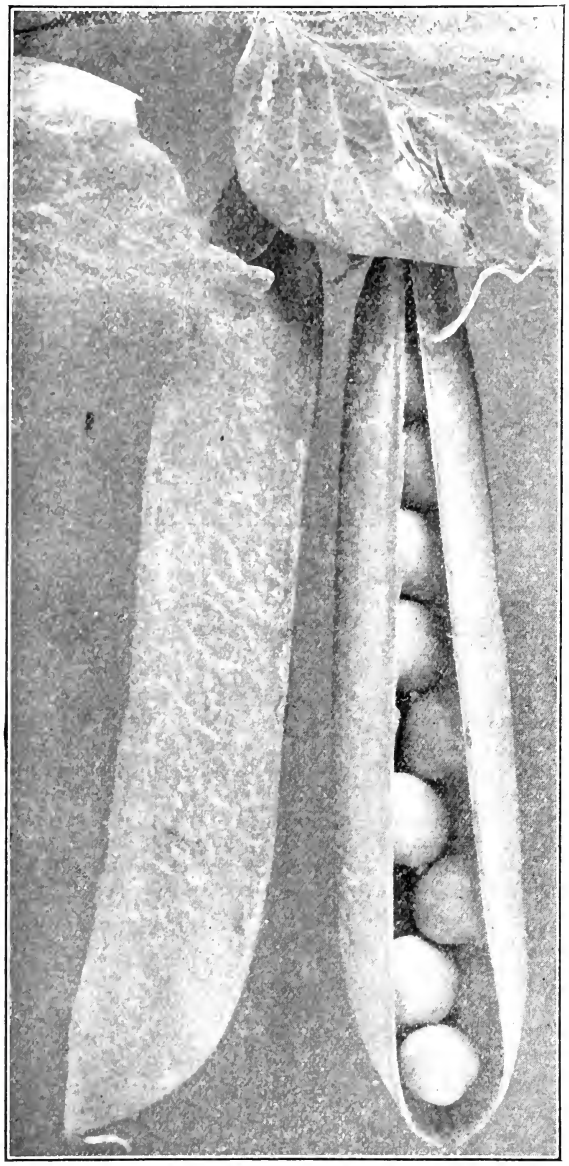
Vegetable Marrow is always in great demand throughout England, and can be raised equally as well in our climate. It is usually sown outdoors during May, and planted in hills similar to Squash.

Pkt. 10c., ½ oz. 15c., oz. 25c., ¼ lb. 90c.



Vegetable Marrow, First of All

Two Excellent Early Peas for Home Use and Market Garden



Peas, Thomas Laxton

PEAS Thomas Laxton

A good, reliable extra early wrinkle variety, usually ready for picking a few days after Gradus. A sort that is vigorous and hardy and may be sown with the first early varieties.

Thomas Laxton Peas are heavy croppers, bearing pods of deep green, blunt ends, long and straight, which are well filled with seven to ten delicious peas of extra size.

The peas, when cooked, retain that deep green color which is always attractive when served.

Pkt. 10c., pt. 20c., qt. 40c., 4 qts. $1.50, pk. $2.25.

If sent by mail add 8c. per pt., or 15c. per qt., for postage. Pkts. mailed free.

PEAS

Gradus, or Prosperity

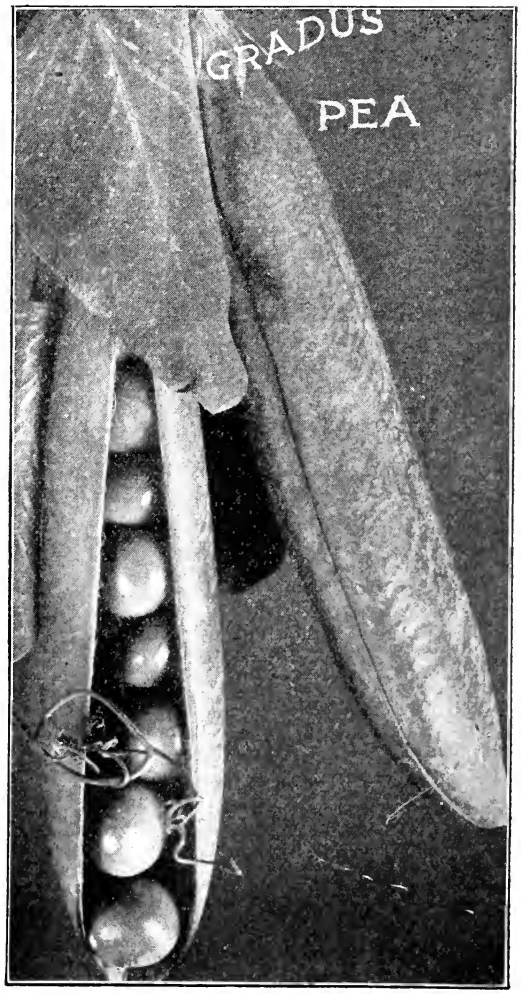
This Pea has undoubtedly given the most satisfaction of any, and is one of the most popular of the Extra Early Wrinkle Peas for home use or market garden. It recommends itself on general appearance, earliness, size, quantity and quality.

The vines grow about 2½ ft. high, strong and robust, producing pods 4 inches long, of bright green color, containing from eight to twelve large peas of excellent quality. This sort is only three to four days later than the dwarf extra early varieties.

It is always best to sow these early wrinkle sorts in the warmest location possible.

Pkt. 10c., pt. 20c., qt. 40c., 4 qts. $1.25, pk. $2.25.

Add 8c. per pt., 15c. per qt. for postage, if wanted by mail.

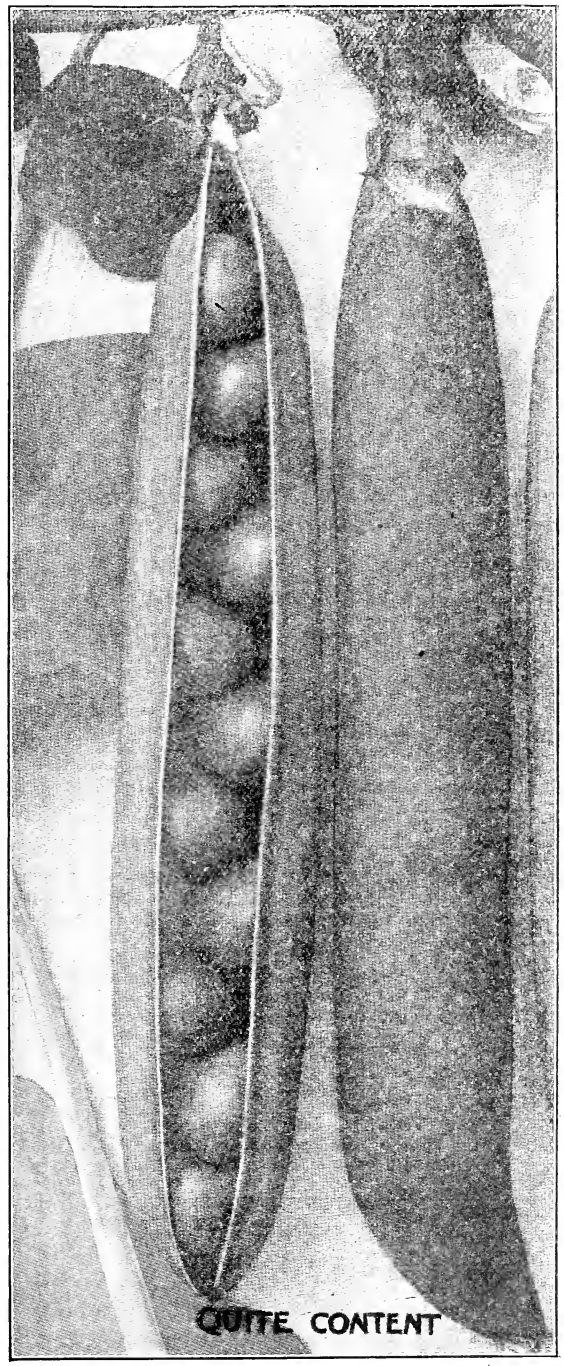


PEAS—Quite Content

From our trials of this Pea, we believe it to be the largest Pea grown, exceeding the Gradus. It is ready for picking at about the same time as the well-known Telephone, and resembles the Alderman, but with considerably larger pods. Under favorable conditions the height is about 5½ feet. The foliage is large, heavy and of a deep green color. The pods are exceedingly large in size, produced usually in pairs and of deep green color; they grow straight with only a slight curve as shown in the illustration. The pods measure from 6 inches to 7 inches in length, and each pod contains an average of from 9 to 11 large peas of delicious flavor. Under good crop conditions they bear during a long period.

During the past few seasons this grand exhibition Pea has taken 125 first prizes.

Pkt. 15c., pt. 35c., qt. 60c., 4 qts. $2.25, pk. $4.00, bus. $12.00.



Melons for Forcing

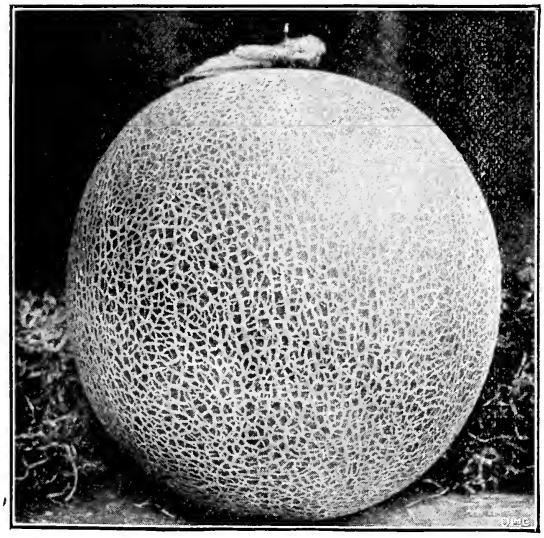
The following varieties are grown extensively in England and are becoming more popular each year in this country The seed we offer has been selected with great care from specially selected fruits grown in this country, and personally knowing the grower we can recommend this seed.

ROYAL JUBILEE. A splendid oval, green-fleshed Melon raised at the Royal Gardens, Windsor. Skin almost white, elegantly netted. The flavor of the deep green flesh is much appreciated by connoisseurs. In constitution the plant is robust and sets freely. **Pkt. 25c.**

WINDSOR CASTLE. A green-fleshed Melon combining qualities of the highest order. Fruit oval in form of extraordinary size, and handsomely netted on a dark green ground. Flesh very deep, of a pale green color all through; remarkably rich in flavor. **Pkt. 25c.**

BLENHEIM ORANGE. This Melon is remarkably prolific, has a grand constitution, is a very fine setter, and may be described as a perpetual bearer, ripening in a short space of time. The fruit is superbly netted, the flesh deep and solid, and a special and distinctive feature is the evenly-defined and thin rind. Thirty-five first prizes reported by customers. **Pkt. 25c.**

ROYAL SOVEREIGN. A singularly beautiful Melon, raised in the Royal Gardens. Spherical in form, with an elegantly netted surface. Flesh white, exceedingly thick, possessing a full and exquisite flavor. The plant sets fruit with great freedom and has a vigorous constitution. **Pkt. 25c.**



Forcing Melon

Marquis Wheat

MARQUIS WHEAT

The King of Hard Wheats

A Wheat, of recent introduction, that has proven a marked success to the farmers of the West and Canada.

Marquis Wheat is a cross between "Red Fife" and an early hard red Wheat, from India, known as "Hard Red Calcutta" and it is a single cross-bred grain.

This Wheat is of Canadian origin and is noted for its combined earliness, productiveness, milling and baking qualities. It does not grow exceptionally tall; the straw, which is stiff and straight, of medium length, is not so liable to lodge, although the heads of Marquis are proportionately heavy. The kernel is distinctly different from other sorts, being thicker and more nearly round and usually of a dark red color, and quite attractive.

In earliness it is from a week to ten days earlier than most of the varieties used in the Northwest and Canada.

In productiveness, Marquis Wheat has produced some excellent yields and can be depended upon yielding from five to ten bushels more than "Red Fife" under practically the same conditions. The quality is unsurpassed by any of the wheats used and has been subjected to the most severe tests.

Pkt. 75c., bus. $2.50.

SWEET CORN

Golden Dawn

The Sweet Corn of excellent quality, with kernels of rich golden yellow, ripening medium early, and of heavy production.

Grows to a height of 5 to 5½ ft. Ears of good size and usually filled to the extreme end.

Pkt. 10c., pt. 15c., qt. 25c., ½ pk. 80c., pk. $1.25.

If wanted by mail add 5c. per pint or 10c. per quart, for postage.

SUNRISE TOMATO

Early and Prolific

It is one of the finest Tomatoes for indoor and outdoor culture. It grows in clusters. The Sunrise sets freely and is an immense cropper, yielding heavy bunches at short intervals all over the plant. Fruits smooth, of good form and size, very solid and produces almost no seed. We question if any other variety would, in a given space, carry so heavy a crop. For this reason it is valuable for market purposes, especially for indoor growing. The chief points in the "Sunrise" are:

Its Earliness. It ripens several days earlier than most varieties.

Its Prolific Character. (See illustration.)

Its Healthy and Robust Constitution. No trace of disease.

Its Solid and Delicate Flesh. Contains very few seeds and practically no eye.

Its Evenness in Size as a dessert fruit.

Its Fine Scarlet Color and rich acid flavor.

Its Equal Value for Indoor and Outdoor Cultivation.

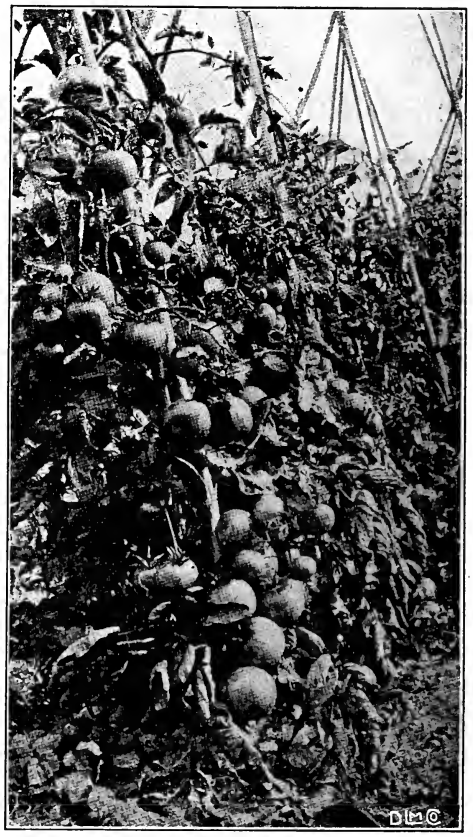
Pkt. 15c., ½ oz. 30c., oz. 50c., ¼ lb. $1.75.

What some of those who have grown the Sunrise Tomato say:

"I may say that I gave Sunrise Tomato a try last season and was highly pleased with it. Sets very early and produces enormous clusters of highly colored fruits of good quality."

"I have grown your Sunrise Tomato and consider it the best Tomato ever set out; a very heavy cropper. The fruit is produced in abundance when the plants are quite small; when ripe, they are even in size, good quality and smooth skin."

"Your Sunrise Tomato is absolutely distinct in its habits; a vigorous grower. I have had plants with from eight to ten sets of fruit, averaging from ten to twelve good fruits on each truss."



Sunrise Tomato

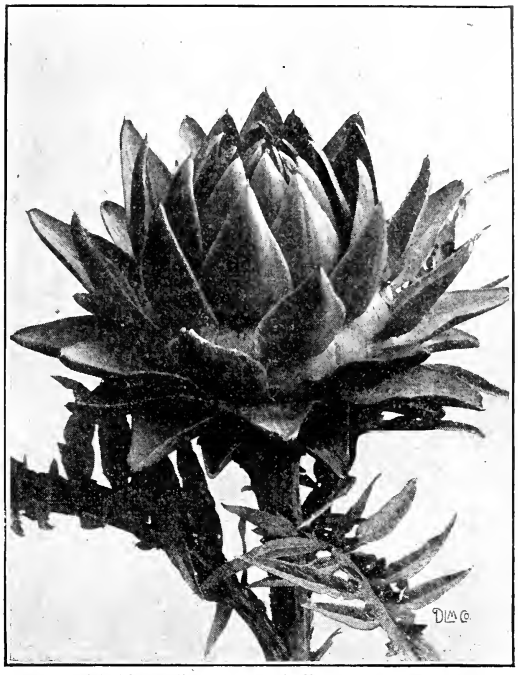
Selected List of
Highest Grade Vegetable Seeds

Artichoke (Artischoke)

CULTURE.—In February or March sow in hotbed, transplant to the open in May in rows three or four feet apart, and two feet apart in the rows. Should give globes the same year. Seed sown in May and transplanted in June has to be wintered. Tie up leaves, then bank with dirt; will mature the second year.

Giant Green Globe. Produces large, globular heads, thick, succulent scales, the bottom of which is the edible part. Boiled till tender, it makes a delicious dish. Pkt. 10c., oz. 30c., ¼ lb. $1.00.

Jerusalem Artichoke. Sometimes used as a table vegetable when pickled, but their greatest value is for feeding stock. Tubers, lb. 35c., 3 lbs. $1.00, postpaid. Freight or express, pk. $1.00, bus. $3.00.

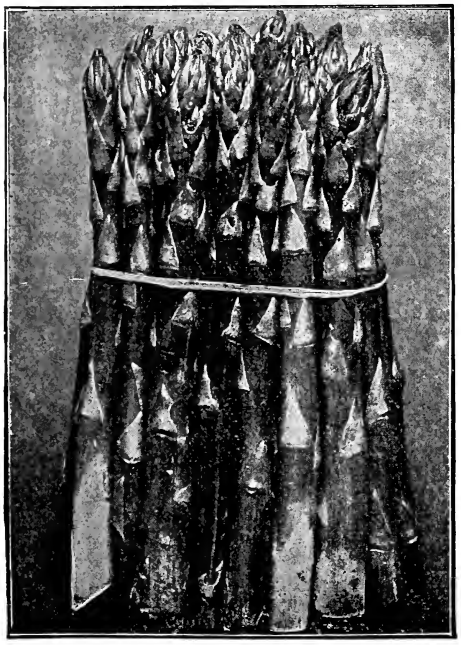


GIANT GREEN GLOBE ARTICHOKE

Asparagus (Spargel)

One ounce will sow about 50 feet of drill.

CULTURE.—Asparagus roots may be purchased in the Spring, or may be grown from seed sown in April or May, in good soil, in drills 12 to 14 inches apart. The permanent bed should be made very rich with well-rotted manure, and thoroughly worked over to a depth of nearly 2 feet. The Asparagus roots (either one or two years old) are to be transplanted into this bed, setting them in rows 3 or 4 feet apart, leaving about 18 inches between the plants in the row. Lay the roots flat in trenches, spreading them well, and using care to have all the crowns placed in the same direction to keep the roots from running together. Cover lightly at first gradually filling the trenches as the plants begin to start; the crowns of the roots should be about 6 inches below the level of the bed. Avoid location near trees, particularly large trees, or their roots will soon take possession of the ground. All difference in varieties of Asparagus is probably the result of care in selection and natural adaptation of soils.



ASPARAGUS

Barr's Mammoth. It comes early and grows a large stock; is very productive. Pkt. 5c., oz. 10c., ¼ lb. 25c., lb. 75c.

Columbian White. They are clear white, and remain so in favorable weather, until three or four inches above the surface. Pkt. 5c., oz. 10c., ¼ lb. 25c., lb. 75c.

Conover's Colossal. A well-known variety of large size; tender and of good quality. Pkt. 5c., oz. 10c., ¼ lb. 20c., lb. 50c.

Early Giant Argenteuil. This variety has thus far been absolutely free from rust; valuable on account of earliness; produces an even growth and a large yield. Pkt. 5c., oz. 10c., ¼ lb. 30c., lb. $1.00.

Moore's Giant. The best for growing in New England. Retains the head close until the stocks are quite long. It is of uniform color, while for tenderness and quality it is unparalleled. Pkt. 5c., oz. 10c., ¼ lb. 30c., lb. $1.00.

Palmetto. A good yielder of recent introduction and thus far it has proved to be a great success in both the North and South. Pkt. 5c., oz. 10c., ¼ lb. 25c., lb. 75c.

Asparagus Roots

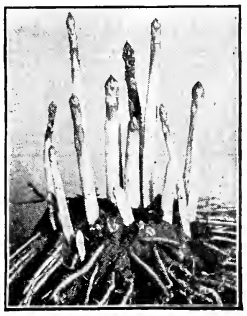
For ordinary garden culture a bed 12x35 would require about 150 roots.

Columbian White, 2 yrs. old. 100 $1.00, 1000 $6.00.

Giant Argenteuil, 2 yrs. old. 100 $1.00, 1000 $6.00.

Palmetto, 2 yrs. old. 100 $1.00, 1000 $6.00.

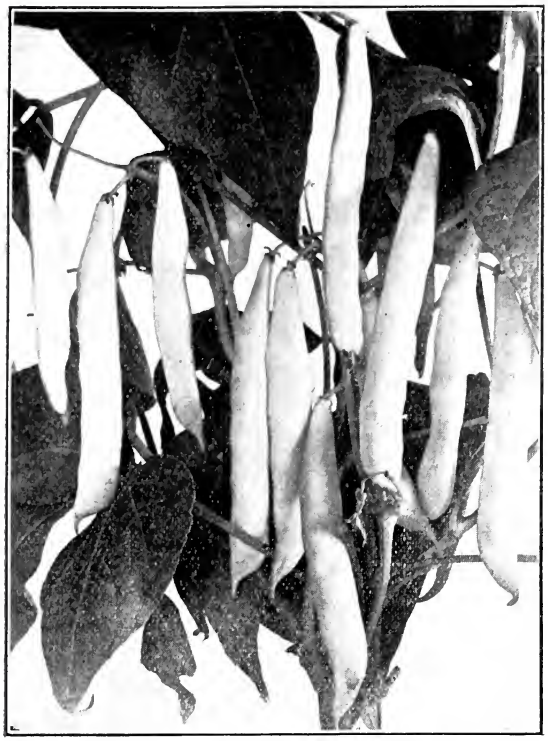
Conover's Colossal. 2 yrs. old. 100 $1.00, 1000 $5.00.



BEANS Dwarf, or Bush Busch Bohnen

One quart sufficient for 100 feet of drill.

Beans can be sent by mail, but postage must be added at the rate of 8c. per pint, 15c. per quart.



Beans, Golden Wax, Keeney's Rustless

Wax, or Yellow Podded

Black Wax, Prolific *One of the best for a home garden,* perfectly stringless, and of excellent flavor. Pods medium size, round and of a clear waxy white color. Pkt. 15c., pt. 25c., qt. 40c., 4 qts. $1.25, pk. $2.25.

Black Wax, Currie's Rust-Proof. A superior variety for market; excellent flavor. Pods large, yellow, rust-proof. Dry bean black. Pkt. 10c., pt. 20c., qt. 35c., 4 qts. $1.10, pk. $1.75.

Golden Wax *The most tender of all market sorts.* Pods long, nearly straight, broad, flat, golden yellow and very fleshy. It is the highest quality snap Bean. Dry bean oval, white, more or less colored with shades of purplish red. Pkt. 15c., pt. 25c., qt. 40c., 4 qts. $1.25, pk. $2.25.

Golden Wax Improved It is an excellent market Bean as it does not rust. Dry beans more white than the Golden Wax, but mottled dark. Pkt. 10c., pt. 20c., qt. 35c., 4 qts. $1.10, pk. $2.00.

Golden Wax, Keeney's Rustless *A superior market garden wax Bean.* Large, flat, golden yellow and very fleshy pod. It has an excellent flavor and is less liable to be stringy than any other rust-proof Beans. Pkt. 15c., pt. 25c., qt. 40c., 4 qts. $1.25, pk. $2.25.

Golden-Eyed Wax. Clear golden wax pods of good size, free from rust and an excellent keeper. Beans white, with golden eye. Pkt. 10c., pt. 20c., qt. 35c., 2 qts. 55c., 4 qts. $1.10, pk. $2.00.

Hodson Wax *One of the most prolific of all the wax Beans.* The pods are straight and average about seven inches in length; color, clear light yellow. Vines are very vigorous and well filled with pods that are entirely free from rust and blight. Matures about ten days later than the Wardwell's Kidney Wax. Pkt. 15c., pt. 25c., qt. 40c., 4 qts. $1.25, pk. $2.25.

Horticultural Wax. *One of the best for market gardeners; it does not rust;* pods are always clear, waxy yellow. Must be picked quite young as pods become somewhat stringy as they mature. Dry bean is large, oval and not very thick. Nearly covered with splashes of bright red. Vines strong, robust and bear pods well up from the ground. Pkt. 15c., pt. 25c., qt. 40c., 4 qts. $1.40, pk. $2.25.

Kidney Wax, Wardwell's *One of the most popular Beans in this vicinity, especially for the market gardener,* owing to the large size of the pod and excellent quality. Vines are very large, strong and vigorous, bearing long, straight, wax-like pods. Dry beans are large, kidney-shaped, white, dark-marked about the eye. Pkt. 15c., pt. 25c., qt. 40c., 4 qts. $1.40, pk. $2.25.

Kidney Wax Round Pod. This is one of the most popular, both for home use and as a market Bean, of all the round-podded wax varieties. Vines are very large, strong and vigorous, bearing long, straight, wax-like pods of large size and excellent quality. Dry beans are large, kidney-shaped, white, dark-marked about the eye. Pkt. 15c., pt. 25c., qt. 40c., 4 qts. $1.40, pk. $2.25.

Sure Crop Stringless Wax is a dwarf-growing variety; strong, vigorous vines producing early, rich yellow pods of extra size, measuring seven to seven and one-half inches long, more than one-half inch wide and nearly one-half inch thick, and of excellent quality. *But this is not all. It is one of the most prolific bush Beans,* producing beautiful, rich yellow pods which sell at sight and taste like more. It is early, hardy, stringless, rust-proof, finest quality; exceedingly prolific. Pkt. 15c., pt. 25c., qt. 40c., 4 qts. $1.50, pk. $2.50.

Kidney Wax, Davis *An excellent Bean for market gardeners.* Its superiority over others is its extreme hardiness and excellent keeping qualities. It is considered one of the rust-proof Beans with large, well-shaped, flat waxy pods. Dry bean is kidney shaped and white. Pkt. 15c., pt. 25c., qt. 40c., 4 qts. $1.25, pk. $2.25.

Refugee Wax A superior Bean for home use. Pods long, round and yellow; are thick meated, perfectly stringless and of excellent flavor. Dry beans are mottled dark drab. Pkt. 10c., pt. 20c., qt. 35c., 4 qts. $1.00, pk. $1.75.

Valentine Wax. Extra early and is usually ready for harvesting from thirty-five to forty days after planting. Vines strong and vigorous, pods medium length, clear waxy yellow, curved, with creases in the back; very fleshy, crisp and tender. Dry beans medium size, long irregular pink marbled with red. Pkt. 10c., pt. 20c., qt. 35c., 4 qts. $1.10, pk. $2.00.

White-Seeded Wax Stringless. An improvement over the old standard sort as it is perfectly stringless. Pods clear waxy white, of medium size and flat. Dry beans are white. Pkt. 10c., pt. 20c., qt. 35c., 4 qts. $1.15, pk. $2.00.

Blue Pod Butter An excellent snap Bean and when cooked ready for the table the pods are green. Vines grow about one and one-half feet in height and bear indigo blue pods well up from the ground and in good quantity. Dry beans brownish color. Pkt. 15c., pt. 25c., qt. 40c., 4 qts. $1.25, pk. $2.25.

Forcing Beans

The two best varieties for forcing, Triumph of the Frames and Wonder of France. These are both the green podded sorts and particularly well adapted for greenhouse growing.

Triumph of the Frames. (Seed Imported from France.) This is one of the very best forcing varieties used in France. Very tender and stringless. Pkt. 25c., pt. 50c., qt. 75c., 4 qts. $2.50.

Wonder of France. (Seed imported from France.) One of the best French Beans, with long, tender pods, and when cooked retain their bright green color. Dry beans long and bright green in color. Pkt. 25c., pt. 50c., qt. 75c., 4 qts. $2.50.

Beans, Green Podded

Boston Favorite, or **Goddard.** Pods and beans larger and longer than the Dwarf Horticultural. Vines are large and pods green when young, but when beans mature fit for use are beautifully striped with crimson. Dry beans are long, nearly clear, with splashes of bright red. Pkt. 10c., pt. 20c., qt. 35c., 4 qts. $1.00, pk. $1.75.

Bountiful *For the market gardener this is one of the popular varieties.* Pods are medium size, green, flat and an excellent snap Bean. Dry beans are yellowish brown color. Pkt. 10c., pt. 20c., qt. 35c., 4 qts. $1.10, pk. $2.00.

China Red Eye. Pods flat and green. Dry beans medium size, oblong, white with reddish blotches about the eye. Pkt. 10c., pt. 15c., qt. 25c., 4 qts. 80c., pk. $1.25.

Hodson Green Pod Similar in every respect to the Hodson Wax described on page 14, with the exception of the pods, which is green instead of yellow wax. Pkt. 10c., pt. 20c., qt. 30c., 4 qts. $1.00, pk. $1.75.

Horticultural Dwarf, or **Speckled Cranberry.** *It is undoubtedly the best variety for use as a shell Bean.* Vines compact, upright, with large leaves and very productive. Pods are green when young but when beans become fit for use are beautifully striped with splashes of bright red on a yellowish ground. Dry beans large, oval, nearly covered with splashes of bright red. Pkt. 15c., pt. 25c., qt. 40c., 4 qts. $1.25, pk. $2.25.

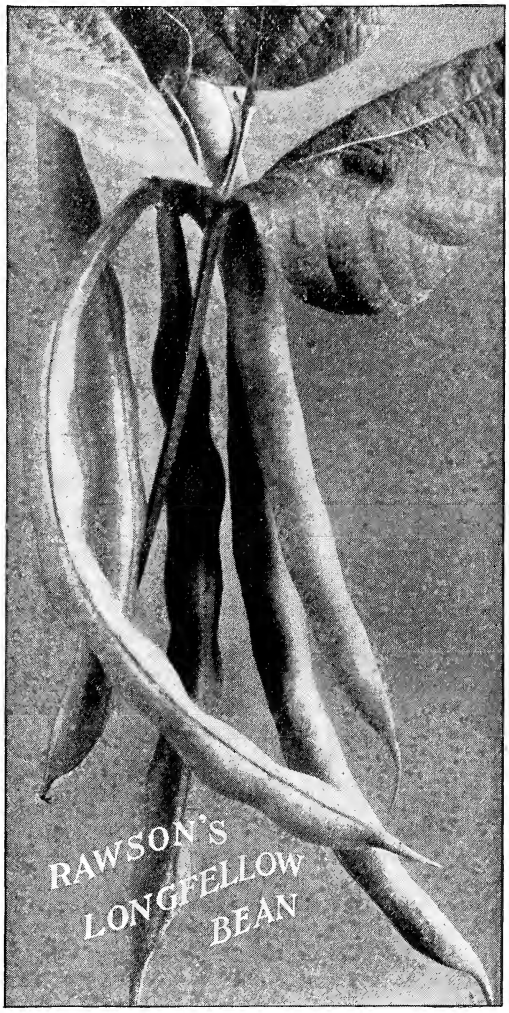
Longfellow Remarkably early and has excellent flavor; its delicacy remains almost intact when prepared for the table. The pods are about six and one-half inches long, pale green in color, straight and round; very productive and crop matures very regularly. Beans are small, mottled dark red. Pkt. 15c., pt. 25c., qt. 40c., 4 qts. $1.25, pk. $2.25.

Low's Champion, or **Dwarf Red Cranberry.** *One of our best green pod Beans for market gardeners.* An excellent shell or string Bean. It is abundantly productive, being a vigorous grower, and keeps the pods well off the ground, preventing them from molding or blighting. Dry bean beautiful bright red color. Pkt. 15c., pt. 25c., qt. 40c., 4 qts. $1.50, pk. $2.50.

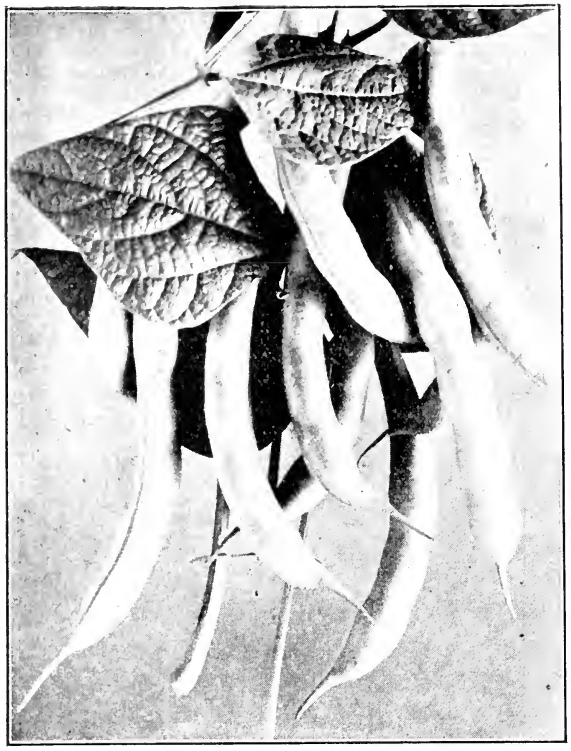
Large White Kidney, or **Royal Dwarf.** A very good shell Bean when green or dry. Dry beans are white, pods are good size, flat and green. Pkt. 10c., pt. 15c., qt. 25c., 4 qts. 75c., pk. $1.25.

Full Measure Prolific and produces the pods early; long, straight and handsome; are meaty and good quality; very thick, flat or almost a semi-round. Quality, stringlessness and productiveness should be sufficient to recommend this to every planter. Pkt. 10c., pt. 20c., qt. 35c., 4 qts. $1.15, pk. $1.75.

French Horticultural Dwarf This is a Bean of the Horticultural or Speckled Cranberry type which has been grown for a number of years in certain localities in the vicinity of Boston. The vines are compact and of upright growth; sometimes inclined to send out runners but do not climb a pole; the runners are not sufficient to affect the Bean in any way. When fit to use are beautifully striped with splashes of bright crimson on a somewhat yellowish ground. Its extremely bright color makes the bean very attractive in the market and it sells usually for 25c. or 50c. more than the ordinary Dwarf Horticultural. The dry beans are large, oval and nearly covered with splashes of bright red. Pkt. 15c., pt. 25c., qt. 45c., 4 qts. $1.50, pk. $2.50.



Long Yellow Six-Weeks Extra early, Pods long, green in color, straight and quite thick; very productive and good quality. Vines are large, vigorous and branching; beans long, kidney shaped and yellowish brown. Pkt. 10c., pt. 20c., qt. 30c., 4 qts. $1.00, pk. $1.75.



Early Red Valentine Green-Pod Bean

BEANS, GREEN PODDED—Continued

Mohawk Early *Hardiest of any early Bean;* will stand a slight frost and for this reason excellent for the market gardener. Vines are large with coarse leaves; pods long, straight, flat and green. Dry beans long, kidney shape, variegated drab, purple and brown. For a dark colored Bean, it is one of the richest beans for baking. Pkt. 10c., pt. 20c., qt. 30c., 4 qts. $1.00, pk. $1.75.

Red Kidney. Large red Kidney-shaped beans of excellent quality. The old-fashioned baking Bean. Pt. 10c., qt. 25c., pk. $1.50.

Refugee, or 1,000 to 1 An excellent early snap Bean and used especially for late planting for use as pickles. Pods are of medium length, round and light green. Dry beans long, light drab and splashed with purple. Pkt. 10c., pt. 20c., qt. 35c., 4 qts. $1.25, pk. $2.00.

Refugee, Extra Early. A selection from the Refugee with all its good qualities and about ten days earlier. Dry beans long and dark drab; pods splashed with purple. An excellent bean for planting during July and August for late pickling beans. Pkt. 10c., pt. 20c., qt. 35c., 4 qts. $1.10, pk. $2.00.

Stringless Green Pod It is valuable for its extreme earliness and being absolutely stringless which makes it one of our best extra early Beans, and wonderfully productive; pods of handsome appearance and finest quality. Extra early plantings will produce the earliest crops; the later plantings will always produce pods the quickest. Pkt. 15c., pt. 25c., qt. 40c., 4 qts. $1.25, pk. $2.25.

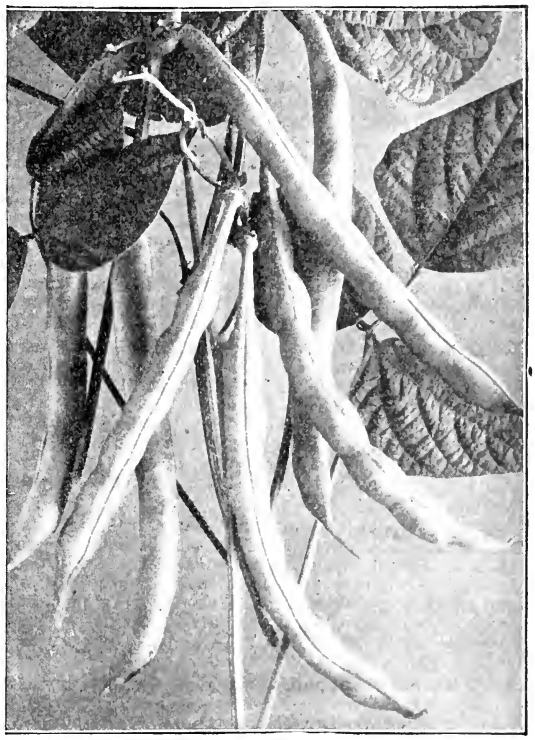
Stringless Green Pod (Giant Strain). The same description will answer for the Giant Strain, only the bean and pod are larger and lighter in color; it is also very early. Pkt. 10c., pt. 20c., qt. 35c., 4 qts. $1.10, pk. $2.00.

Valentine, Improved Early Red Extra early, and is usually ready for harvesting from thirty-five to forty days after planting. A fine variety for Midsummer sowing to ripen in September. Vines strong and vigorous; pods green, medium length, curved, with creases in the back, very fleshy, crisp and tender. Dry beans medium size, long, irregular, pink, marbled with red. Pkt. 10c., pt. 20c., qt. 35c., 4 qts. $1.25, pk. $2.00.

Valentine-Black A great improvement over the Red Valentine, as the pods are nearly one-third larger; perfectly round, although not quite as early; very prolific. Pkt. 10c., pt. 20c., qt. 35c., 4 qts. $1.25, pk. $2.00.

White Pea. The popular baking Bean of New England. Small round green podded, dry beans; white, early and prolific. Pt. 15c., qt. 25c., pk. $1.25.

Yellow Eye Improved. An excellent baking Bean. Pt. 15c., qt. 25c., pk. $1.25.

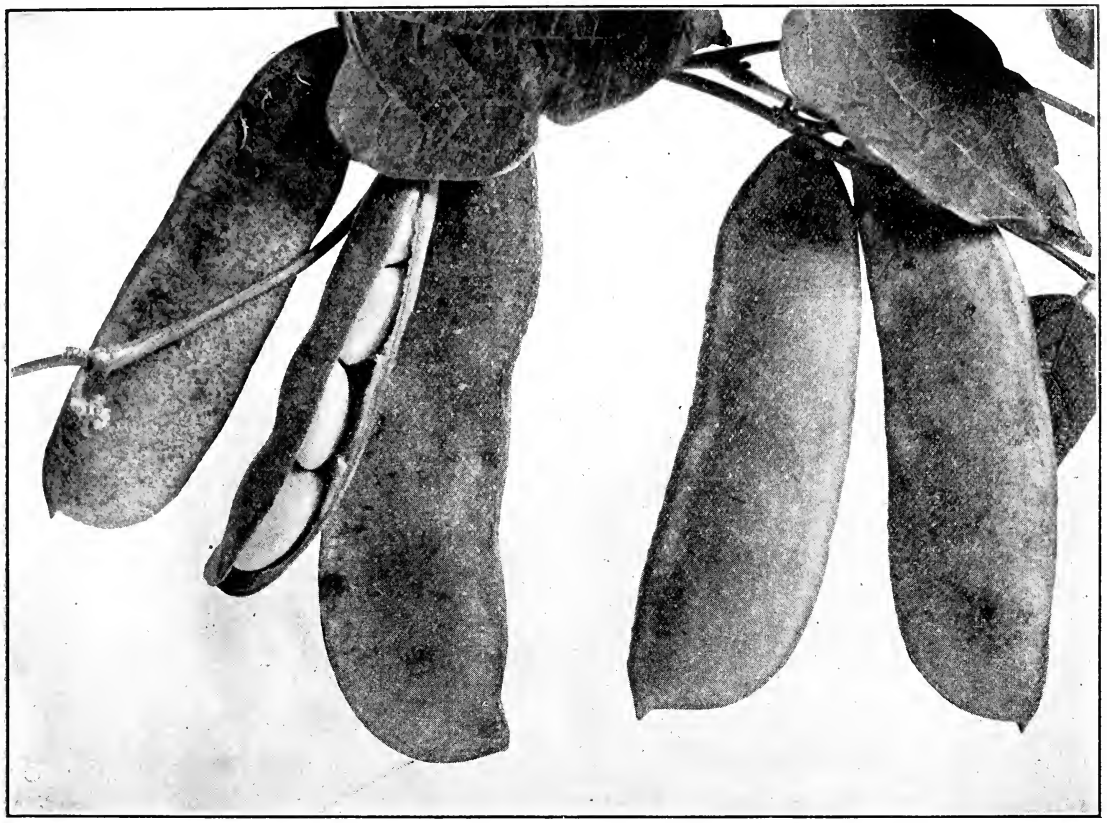


Stringless Green-Pod Bean

English Broad Bean

Broad Windsor. An old-fashioned English shell Bean. This Bean is very hardy; it should be planted as early as the ground will permit, three or four inches deep in rows three feet apart, and plants four feet apart in row. Dry beans very large and yellowish green. Pkt. 20c., pt. 30c., qt. 50c., 4 qts. $1.75.

FARMOGERM for inoculation of Beans, see page 159.



Dwarf Lima Beans

Fordhook Bush Lima This new Bush Lima is of uniformly erect bush habit, branching freely, but with all the branches held upright. It bears tremendous crops and sets pods freely even in a cool, wet season. The plump, well-filled pods are twice as large as those of the Dreer Bush Lima, and beans are also twice as large. Pkt. 15c., pt. 25c., qt. 45c., 4 qts. $1.75, pk. $3.00.

Burpee's Improved Bush Lima *Earliest, largest and the best of all large Limas. The sturdy bushes are loaded with pods that are truly enormous in size. The luscious, green beans are larger than any Limas ever known before.* It is fully eight to ten days earlier than any other large Limas; will outyield Burpee's Bush Lima by fully one-third as the pods are very much larger, while the beans either green or dry are nearly twice as thick; even when of full size are of most luscious flavor. Pkt. 15c., pt. 25c., qt. 45c., 4 qts. $1.75, pk. $3.00.

Dreer's Bush Lima It has a bush habit and grows vigorously eighteen to twenty-four inches high. The beans are very thick and grow close together, three, four and sometimes five in a pod. Pkt. 15c., pt. 25c., qt. 45c., 4 qts. $1.75, pk. $3.00.

Henderson's Bush Lima Exceedingly productive, bearing continuously through the Summer until killed by the frost. Its greatest merit lies in its extreme earliness as it comes two or three weeks earlier than any other Lima Bean. Pkt. 10c., pt. 20c., qt. 30c., 4 qts. $1.00, pk. $1.75.

Pole Lima Beans

Carpinteria Pole Lima The most perfect pole Lima Bean in existence. The beans have a greenish tint, an indication of good quality. The vines are vigorous and make a strong growth, producing a large quantity of beans in a fairly large pod, which are thicker than the ordinary Lima and retain their color. Pkt. 10c., pt. 20c., qt. 35c., 4 qts. $1.10, pk. $2.00.

Dreer's Improved Lima An abundance of large, thick pods and produced on vigorous vines, Beans medium size, very much thicker than the large Limas; formed closely in the pod and of excellent flavor. Pkt. 10c., pt. 20c., qt. 35c., 4 qts. $1.10, pk. $2.00.

Extra Early Jersey Very productive and of fine quality It is especially valuable to those residing in districts where the season is too short to produce later ones as it is from 10 to 15 days earlier than any other pole Limas. Pkt. 10c., pt. 20c., qt. 35c., 4 qts. $1.10, pk. $2.

King of The Garden Stronger and more productive than any of the other large white Limas and is a favorite with the market gardeners on account of its large pods. If two vines are left growing on a pole it will come into bearing sooner and make large pods. Pkt. 10c., pt. 20c., qt. 35c., 4 qts. $1.10, pk. $2.00.

Large White The old-fashioned Lima. Pkt. 10c., pt. 20c., qt. 35c., 4 qts. $1.10, pk. $2.00.

Siebert's Early Lima The earliest large Lima. Pkt. 10c., pt. 20c., qt. 35c., 4 qts. $1.10, pk. $2.00.

Sieva, or Small Lima Popular small-seeded variety. Pkt. 10c., pt. 20c., qt. 30c., 4 qts. 90c., pk. $1.75.

BEANS, Pole (Stangen Bohnen)

Worcester Pole Bean

Arlington Red Cranberry

Always tender and crisp; the market gardener's favorite. The pods are green and it is one of the best snap Beans. Dry beans are a beautiful bright red, large and of the finest flavor, green or dry. Pkt. 15c., pt. 25c., qt. 40c., 4 qts. $1.50, pk. $2.50.

Brockton

Pods are broad and somewhat curved, and when matured splashed with bright crimson, making a very attractive appearance. Dry beans are large and kidney shaped, color chocolate splashed with dark purple. Pkt. 15c., pt. 25c., qt. 40c., 4 qts. $1.50, pk. $2.50.

Golden Carmine. Pods are large, bright golden color when very young; as they mature they are mottled and streaked with an unusually bright carmine color, which on the bright golden gives the pod a beautiful and attractive appearance. Pkt. 15c., pt. 25c., qt. 40c., 4 qts. $1.50, pk. $2.50.

Golden Cluster

One of the earliest wax pole Beans. Vines large, strong, vigorous; pods 6 to 8 inches long in clusters, thick and fleshy; bright golden yellow. Dry beans white and nearly round. Pkt. 15c., pt. 25c., qt. 40c., 4 qts. $1.50, pk. $2.50.

Horticultural, or **Speckled Cranberry.** Of the highest quality as a shell Bean. Pods of medium size, pale green streaked with bright red. Dry beans nearly round splashed with bright red. Pkt. 10c., pt. 20c., qt. 35c., 4 qts. $1.25, pk. $2.00.

Indian Chief, or **Tall Black Wax.** Superior quality with golden yellow pods which are short, broad, flat and fleshy. Pkt. 15c., pt. 25c., qt. 40c., 4 qts. $1.50, pk. $2.25.

Dutch Case-Knife. Productive and good quality either green or dry. Pkt. 10c., pt. 15c., qt. 25c., 4 qts. 80c., pk. $1.50.

Lazy Wife. Stringless and excellent flavor. One of the largest green pod pole Beans. Pkt. 10c., pt. 15c., qt. 30c., 4 qts. $1.00, pk. $1.75.

Kentucky Wonder Wax

(Pods are yellow.) The vine and pods are similar to those of the Kentucky Wonder, but the quality is far superior in every way. A very prolific sort; begins to bear when no higher than the average bush Bean and continues to bear until killed by frost. The beans are so fleshy that the pods are even thicker than they are wide. They have a delicious rich flavor. In comparing when dry with other wax Beans we found them far superior. Pkt. 15c., pt. 25c., qt. 40c., 4 qts. $1.50, pk. $2.25.

Old Homestead,

or **Improved Kentucky Wonder.** *Excellent flavor and enormously productive;* entirely stringless and of a silvery green color. About ten days earlier than any other green pod sort. Beans are rather small, oblong and of a yellowish brown color. Pods are green. Pkt. 15c., pt. 25c., qt. 40c., 4 qts. $1.50, pk. $2.25.

Worcester Pole

For the market gardener the best pole Bean in cultivation. Pods are very large, exceedingly bright and hang in clusters. As a shell Bean it is unequaled for tenderness. Dry beans splashed bright red. Pkt. 15c., pt. 25c., qt. 50c., 4 qts. $1.50, pk. $2.50.

Scarlet Runners. Usually cultivated for the beauty of its scarlet flowers. In England one of the very best string Beans. Dry beans mottled with drab. Pkt. 10c., pt. 20c., qt. 35c., 4 qts. $1.15, pk. $2.00.

White Runner. Similar to above but white flowers. Pkt. 10c., pt. 20c., qt. 35c., 4 qts. $1.15, pk. $2.00.

Mont d'Or Wax, or **Golden Butter.** The earliest of the pole Beans. A strong, vigorous grower, with pods 6 to 8 inches long, in clusters very thick and fleshy. Pt. 20c., qt. 40c., 4 qts. $1.50, pk. $2.50.

Old Homestead Beans

BEETS (Rothe Rübe)

One ounce will sow 50 feet of drill; six to eight pounds to an acre.

CULTURE.—Sow in rows twelve to fifteen inches apart, thin out to four inches in row; plant seed about one-half inch deep as early as ground can be worked. For late crop plant up to end of July. Beets like a deep, rich, sandy loam.

Arlington Favorite A favorite with the market gardeners as a second early; small foliage; flesh deep red color. An improved sort, turnip shape, excellent flavor. Ready for use almost as quickly as the early sorts and are of better quality, retaining the same until roots have reached full size. *For the market gardener one of the most popular varieties.* Pkt. 5c., oz. 10c., ¼ lb. 30c., lb. $1.00.

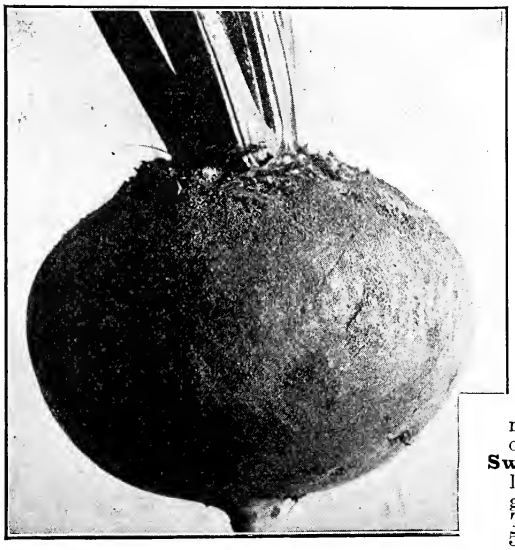
Bastian's Early Turnip. One of the largest turnip Beets. Tender, sugary and flesh lighter color than early varieties. Pkt. 5c., oz. 10c., ¼ lb. 25c., lb. 75c.

Bassano. A very early, flat variety, especially adapted for the home table; excellent flavor. Almost white with rose-colored flesh arranged alternately in rings. Pkt. 5c., oz. 10c., ¼ lb. 25c., lb. 60c.

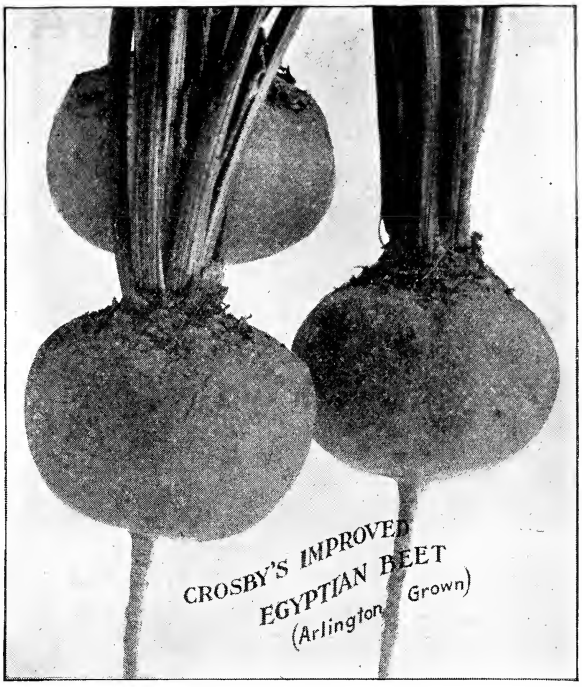
Boston Market. *The largest extra early* blood turnip Beet. Runs uniform in shape with a small tap root. Excellent quality and valuable for both the *market and private gardener.* Pkt. 5c., oz. 10c., ¼ lb. 30c., lb. $1.00.

Crosby's Improved Egyptian *This is the best extra early variety* grown for this market. Has a small top and excellent form and a small tap root; it is in every way a great improvement over the old variety of Egyptian Beet. It was improved by the late Josiah Crosby of Arlington, Mass. Our stock is all grown with great care as to *trueness of shape and color.* Pkt. 5c., oz. 15c., ¼ lb. 40c., lb. $1.25.

Crosby's Improved Egyptian (Special Market Gardener's Strain.) Selected with the greatest of care as to color, shape and earliness. We have only a limited amount of seed of this particular selection Pkt. 10c., oz. 25c., ¼ lb. 75c., lb. $2.50.



Edmand's Beet



Dark Red Egyptian. Very early, deep red, almost flat variety. Pkt. 5c., oz. 10c., ¼ lb. 25c., lb. 75c.

Detroit Dark Red Color of skin very dark red; small tops. Roots mature very evenly in size and shape, also color. *One of the best of all varieties for market.* Pkt. 5c., oz. 10c., ¼ lb. 30c., lb. $1.00.

Dewing's Improved Turnip. A fine form and flavor; a good color and desirable variety. Pkt. 5c., oz. 10c., ¼ lb. 30c., lb. $1.00.

Eclipse. Extremely early variety; recommended to market gardeners on account of its small, fine tops. Pkt. 5c., oz. 10c., ¼ lb. 30c., lb. $1.00.

Edmand's *For late planting the best dark blood Beet.* It is a thoroughly fixed, uniform type; flesh deep red in color, exceedingly sweet and tender. Has a small top and single tap root which fact recommends itself to the *market gardener's attentoin.* We have had special care taken regarding the selection of the beet roots saved for seed. We are confident no better strain can be grown. Pkt. 5c., oz. 10c., ¼ lb. 30c., lb. $1.00.

Long Smooth Dark Blood. Grows half out of the ground with few or no side roots. Pkt. 5c., oz. 10c., ¼ lb. 25c., lb. 75c.

Yellow Turnip Beet. Early; flesh yellow, very tender and sweet. Pkt., 5c., oz. 10c., ¼ lb. 25c., lb. 75c.

Grown for the Leaves Only

Swiss Chard. Sometimes called Sea Kale Beet. After once having used Swiss Chard for greens we believe your garden will always have at least a row of Swiss Chard; it is delicious. Is cultivated for its leaf stock which is served up like Asparagus or Spinach, by using the outer leaves. Always first, will continue to produce leaves all Summer; does not make edible roots like the regular garden Beets. Pkt. 5c., oz. 10c., ¼ lb. 25c., lb. 75c.

Swiss Chard Lucullus. A new, moss curled sort. Very large leaves and the middle ribs are very broad, forming a good substitute for Asparagus during the Summer months. The leaves are used in the same manner as Spinach. Pkt. 5c., oz. 15c., ¼ lb. 30c., lb. $1.00.

Beets for Greens Only. Lb. 40c., 100 lbs. 30c. per lb.

CABBAGE (Kopf-Kohl)

One ounce will produce about 2,000 plants. One-quarter pound of seed in beds will produce plants for one acre.

CULTURE.—Start your early crop in hotbed middle of February, covering seed about one-half inch; transplant to coldframes soon as plants are large enough, three or four inches each way. Remove glass part of each day to harden plants and plant out in open ground middle of April. For general crop sow in open ground in June in hills three feet apart.

Early Spring Cabbage

Early Varieties, Pointed Heads

Charleston Wakefield *A favorite with the market gardeners.* Resembles the Early Jersey Wakefield in form but it is much larger. Matures equally as early. Very uniform in shape and very desirable for the market gardener. Pkt. 5c., ½ oz. 20c., oz. 35c., ¼ lb. $1.00, lb. $3.00.

Express, Extra Early. This variety is ready for market or table use in about 75 or 80 days after sowing the seed. *It is the earliest variety grown,* but does not have as hard a head as the later varieties. Leaves grow compactly together and it may be planted very closely. Pkt. 5c., oz. 20c., ¼ lb. 65c., lb. 2.00.

Jersey Wakefield, Early Although this variety is not as early as the two preceding ones, it will be found the very best conical heading sort to come in immediately after. It is very compact, medium size, conical and a sure header. *Extra selected stock.* Pkt. 5c., ½ oz. 20c., oz. 35c., ¼ lb. $1.00, lb. $3.00.

Winnigstadt, Early. Heads are very regular, conical, solid and a good keeper. Excellent for general use, being a sure header. Pkt. 5c., oz. 25c., ¼ lb. 75c., lb. $2.75.

Round Deep Heading

All-Head. One of the largest second early sorts; excellent quality. It is remarkably solid, deep, flat and very uniform. Pkt. 5c., ½ oz. 15c., oz. 25c., ¼ lb. $1.00, lb. $3.00.

All Seasons. A very early variety with large, deep heads and excellent quality. Equally good as early or Fall Cabbage. Pkt. 5c., oz. 30c., ¼ lb. 75c., lb. $2.50.

Autumn King, or **World Beater.** Outer leaves are few and owing to this fact it will produce a greater weight per acre. Heads are very solid and exceedingly large. Pkt. 5c., ½ oz. 15c., oz. 25c., ¼ lb. 75c., lb. $2.50.

Brunswick, Fottler's *The best for early Fall use.* In this vicinity the Brunswick is considered second to none by the market gardeners. Plants are very short stemmed; large leaves and very compact. Heads are large, flat, solid and of fine quality. Pkt. 5c., ½ oz. 20c., oz. 30c., ¼ lb. $1.00, lb. $3.00.

Cape Elizabeth (Portland). A valuable late Drumhead variety; excellent keeper. Pkt. 10c., ½ oz. 25c., oz. 40c., ¼ lb. $1.00.

Copenhagen Market. The heads are very solid with a small core and of fine quality; the average weight, about ten pounds. It matures as early as the Charleston Wakefield and will give a much heavier yield than that popular variety; the plant is short stemmed. Leaves are light green and very tightly folded. Crop almost a failure this year. Pkt. 10c., ½ oz. 25c., oz. 40c., ¼ lb. $1.25, lb. $4.00.

Danish Round Head Produces round or ball-shaped heads of great solidity and intensely deep rich color. The growth of plant is strong and very compact; the heads are perfectly round, from six to eight inches in diameter. The extra dark coloring, remarkable hardness and large size of heads make it an excellent market type as well as most desirable for the home in slicing for slaw, salads, etc. Pkt. 10c., ½ oz. 20c., oz. 40c., ¼ lb. $1.00, lb. $3.50.

Early Spring *The best extra early* round head variety. It matures with the Wakefield, yielding one-third more than the other extra early varieties. Heads are uniform and remarkably solid, even when small, and have few outside leaves. *The popular market garden variety.* Pkt. 10c., ½ oz. 20c., oz. 30c., ¼ lb. 90c., lb. $3.00.

Early Summer, Henderson's *One of the best second early* large heading varieties, coming about ten days after the early Jersey Wakefield. Heads medium size, solid, flat and good quality. Pkt. 5c., oz. 25c., ¼ lb. 75c., lb. $2.50.

Emperor or **Danish Ball-Head.** It is remarkable for its hard heading qualities; one of the best for shipping. Heads when ready for market are fully one-quarter heavier than any other variety of similar size. The weight recommends this variety *to the market gardeners as a money maker.* Pkt. 10c., ½ oz. 20c., oz. 30c., ¼ lb. $1.00, lb. $3.50.

Early Jersey Wakefield Cabbage

CABBAGE, ROUND DEEP HEADING—Continued

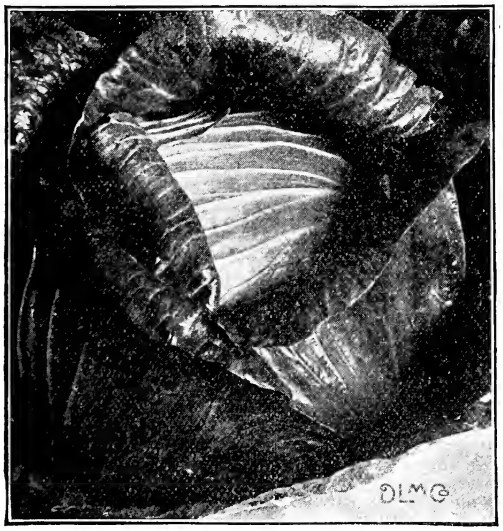
Glory of Enkhuizen Earlier than the All Seasons; of medium size, globe shaped and handsome dark green color, just right for the market. Leaves fine ribbed; outer leaves set close to permit close planting. Where this variety has been tried in market growing districts the growers have been very enthusiastic. Pkt. 10c., ½ oz. 15c., oz. 25c., 2 oz. 45c., ¼ lb. 90c., lb. $3.00.

Marblehead Mammoth. Should be set from 3½ to 4 feet each way. The heads often grow to weigh sixty pounds each. The largest variety of the Drumheads. Pkt. 5c., oz. 20c., ¼ lb. 60c., lb. $2.00.

Premium Flat Dutch. Heads large, solid, broad, and flat on top. An excellent Winter variety. Pkt. 5c., oz. 20c., ¼ lb. 60c., lb. $2.00.

Stone-Mason, Warren's Strain *The most popular variety for market gardeners* in this vicinity. For the main crop for storing in Winter it is unequaled. Grows medium size with only a moderate number of leaves. Heads are large, round or slightly flattened; very solid and crisp; exceedingly fine flavor. The best for the *main Winter crop. All of the above stock is especially selected and grown for us from a market gardener's private stock of the true David Warren strain.* Pkt. 10c., ½ oz. 25c., oz. 40c., ¼ lb. $1.25, lb. $4.00.

Stone-Mason. An excellent strain of the above, grown by one of our most reliable seed growers. Pkt. 5c., ½ oz. 15c., oz. 25c., ¼ lb. 85c., lb. $3.00.



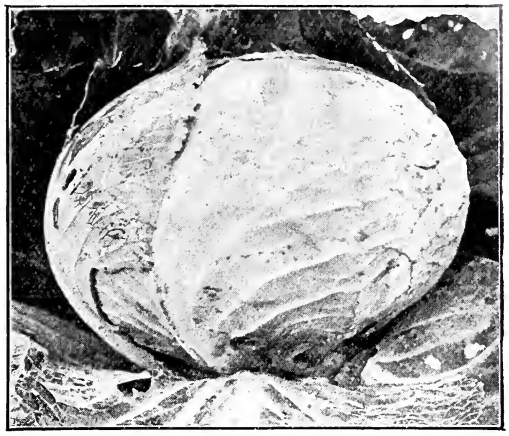
Early Summer Cabbage

Sure Head. The heads are uniform in size and very hard and firm. They weigh from ten to fifteen pounds each. Is of the flat Dutch type. Pkt. 5c., ½ oz. 15c., oz. 25c., ¼ lb. 75c., lb. $2.50.

Volga. *Its uniform heads, short stems* and very little foliage are its best *recommendations for the market gardener.* It is excellent for medium early or late Fall use. *Excellent keeper.* Pkt. 10c., ½ oz. 20c., oz. 30c., ¼ lb. 75c., lb. $2.50.

Cabbage Plants

	100	1000
April and May delivery		
Early Summer	$1.00	$7.00
Early Jersey Wakefield	1.00	7.00
June and July delivery		
Stone-Mason Drumhead	.50	3.50
Fottler's Brunswick	.50	3.50
Globe Curled Savoy	.50	3.50
Large Red Drumhead	1.00	7.00



Stone-Mason, "Warren's Strain" Cabbage

Savoy, or Curled-Leaf

Savoy, Globe Curled *The favorite for market gardeners.* Leaves are wrinkled and dark green. Heads very hardy and improved by frost. Excellent quality and sure header. *This seed is grown in Winchester, Mass., from a market gardener's private stock.* Pkt. 10c., ½ oz. 25c., oz. 40c., ¼ lb. $1.35, lb. $5.00.

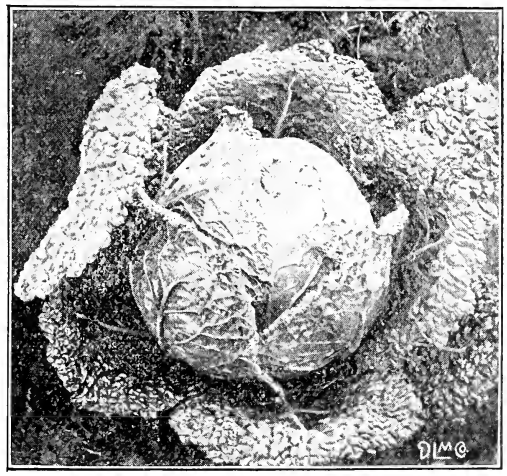
Savoy, Globe Curled. A selected strain of the above, and New England grown seed. Pkt. 10c., ½ oz. 15c., oz. 25c., ¼ lb. 85c., lb. $3.00.

Red Cabbage

Blood-Red Erfurt. Head is small, nearly round and very hard. Is of exceedingly deep color and one of the best keepers. Pkt. 5c., oz. 20c., ¼ lb. 60c., lb. $2.00.

Large Red Drumhead Heads are large, round, very solid and deep red color. While there are many new varieties we know of none superior to our strain of Large Red Drumhead. Pkt. 5c., oz. 20c., ¼ lb. 60c., lb. $2.00.

Mammoth Red Rock. Heads are always deep red color and extremely solid. Average weight about ten pounds each. Pkt. 5c., oz. 30c., ¼ lb. 85c., lb. $3.00.



Globe Curled Savoy Cabbage

BRUSSELS SPROUTS

Brussels Sprouts (Sprossen Kohl)

CULTURE.—A species of the Cabbage family which produces miniature heads from the sides of the stalk. These heads are a great delicacy, boiled in the same way as Cauliflower. The seeds should be sown about the middle of May, in a seed-bed, and the plants afterward set in rows 2 feet or more apart, and cultivated like Cabbage. This vegetable does not require extremely high cultivation, however. It is ready for use late in Autumn, after the early frosts.

Aigburth. Very large sprouts; hardy and productive. Pkt. 5c., oz. 20c., ¼ lb. 60c.

Paris Market. A choice variety. Pkt. 5c., oz. 20c., ¼ lb. 60c.

Sutton's Exhibition. Produces an abundant crop of large, solid Sprouts, delicious in flavor, which come early to maturity. Pkt. 25c.

Improved Long Island. A very large variety, extremely popular, excellent quality. All this seed is *New England grown.* Pkt. 10c., oz. 35c., ¼ lb. $1.00, lb. $3.00.

Broccoli (Spargel Kohl)

One ounce will produce about 2,000 plants.

CULTURE.—Sow in hotbed in April or May for early crop; transplant in May or June in rows three or four feet apart and two feet apart in row. Sow in June for late crop in hills or beds; cover seed about one-half inch. When heads are formed tie leaves up over head to blanch; deep soil is wanted for success.

White Cape. Very white, sure to head. Pkt. 10c., oz. 40c., ¼ lb. $1.25.

CHICORY, WITLOOF

Chicory (Chichrien)

One ounce will sow a bed of four square yards

CULTURE.—Sow in Spring, in drills one-half inch deep, in good mellow soil.

Large-Rooted, or **Coffee.** Leaves, blanched, are esteemed as an excellent salad. Pkt. 5c., oz. 10c., ¼ lb. 25c.

Witloof, or **French Endive.** Esteemed as a salad plant. Spring-sown seeds produce Parsnip-like-roots by November. Cut the leaves off 1½ in. from neck, trench 1½ in. apart, cover with soil 8 in. over crown; then place a 2 or 3 ft. layer of fresh manure which induces new growth of blanched leaves folded like Cos Lettuce, which are eaten raw as salad. Pkt. 10c., oz. 20c., ¼ lb. 50c., lb. $175.

Chives

Are used wherever the flavor of oninos is required; grown entirely for tops and is perfectly hardy. No garden is complete without a few bunches.

Seed. Pkt. 15c., ½ oz. 40c., oz. 75c., ¼ lb. $2.00.

Roots. Per bunch 15c., 6 bunches 75c., doz. $1.25.

Chervil (Kerbel)

One ounce will sow about 100 feet of drill.

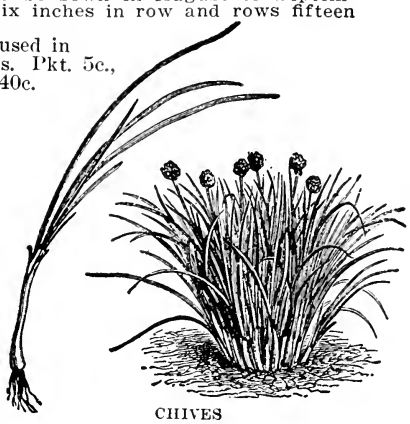
CULTURE.—Sow in drills one foot apart in early Spring or Fall; covering seed about one-half inch. Thin out plants to four inches in row; leaves ready in six to eight weeks. Curled variety used like Parsley. Can also be sown in August or September; thin out to six inches in row and rows fifteen inches apart.

Curled. Largely used in soups and salads. Pkt. 5c., oz. 15c., ¼ lb. 40c.

Cardoon

CULTURE.—Sow in April in drills one inch deep; when one year old transplant in trenches of well-manured ground three feet apart and one foot in row. The roots remain from year to year.

Large Smooth. The best variety. Pkt. 10c., ½ oz. 15c., oz. 20c., ¼ lb. 60c.



CHIVES

Collards

Used as a substitute for Cabbage, more especially in the South. A form of Cabbage bearing new leaves as the old ones are pulled off and used for greens. Pkt. 5c., oz. 10c., ¼ lb. 30c., lb. 90c.

Cress, or Peppergrass (Kresse)

One ounce will sow sixteen square feet.

CULTURE.—Can be sown at any time in hotbed, coldframe or outside, according to the season. Cover seed about one-quarter inch and sow thickly. Sowing can be made every few days, as it has to be used young, as it runs to seed quickly. Watercress sow in shallow water beside running stream.

Extra Curled. The most popular variety for market; excellent flavor. Pkt. 5c., oz. 10c., ¼ lb. 20c., lb. 65c.

Upland Cress. It is a hardy perennial, thriving on any soil. In early Spring it is the first to make its appearance and grows rapidly. Ready for use weeks ahead of any other plant. The young and tender leaves can be eaten raw or in a salad. Pkt. 10c., oz. 50c., ¼ lb. $1.50.

Watercress. Cultivated by sowing the seed by running water or near a spring which is not severely frozen through the Winter. Pkt. 10c., ½ oz. 20c., oz. 35c., ¼ lb. $1.00.

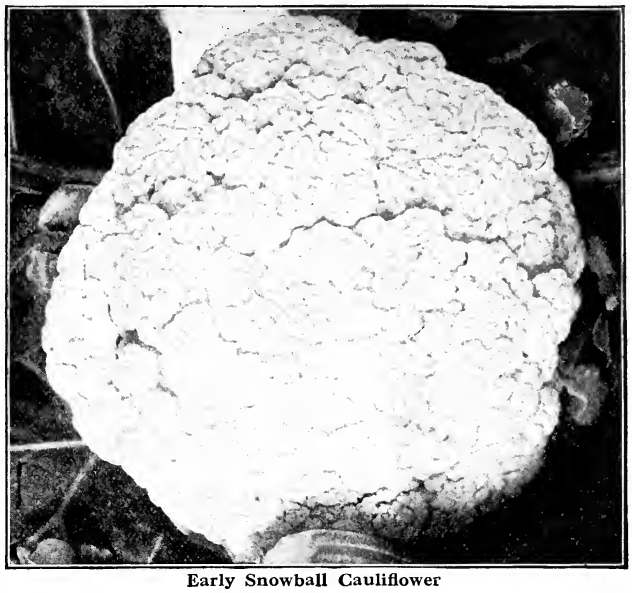
WATERCRESS

CAULIFLOWER

(Blumen Kohl)

One ounce of seed produces about 2,000 plants.

CULTURE.—Cauliflowers require very high cultivation, even more so than Cabbage, and plenty of moisture. There is no more delicious vegetable grown. Coldframe plants are probably the best and hardiest for early crops; the frames, however, need rather more protection during cold nights than is required for Cabbage plants. Seed sown in hotbeds in February will produce plants that are not inferior to coldframe plants. They should be transplanted once before setting in the open ground, and also should be gradually hardened by exposure; in this way they may be in condition to set out as early in April as the ground will permit. Set the early sorts about 2 feet by 15 inches, and cultivate the same as Cabbage. Where irrigation is practicable, great advantage is thus obtained during a drought. For late Cauliflower, sow seed in open ground from the middle of May to the middle of June, in hills the same as directed for late Cabbages. When the heads are forming, tie the leaves together at the top, thus avoiding the discoloration by exposure to the sun.



Early Snowball Cauliflower

Algiers. A large and popular late variety. Largely grown for the New York markets. Pkt. 10c., oz. 75c., ¼ lb. $2.25.

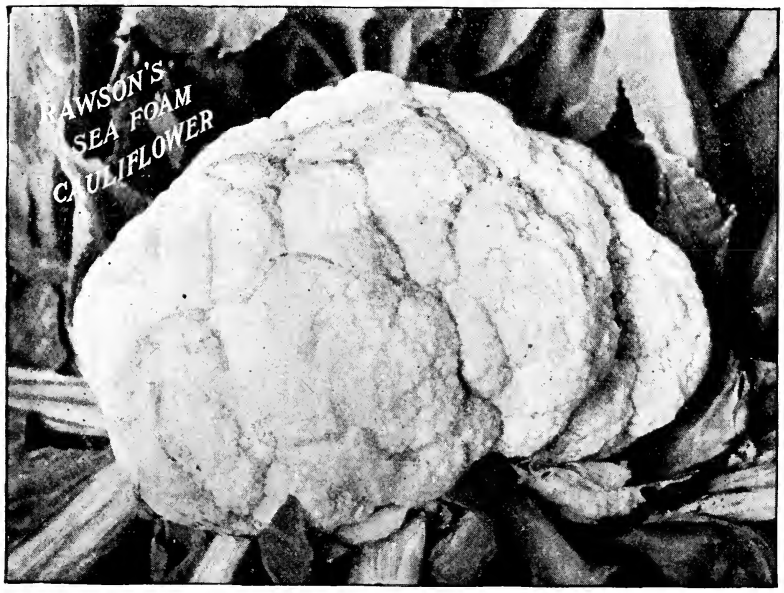
Danish Giant (*Dry Weather*). The growth is very similar to that of Early Dwarf Erfurt, but with heavier foliage, and is less liable to blight in hot weather. It has been grown with excellent results where other varieties fail to form heads, especially in locations subjected to long droughts. Pkt. 25c., ¼ oz. $1.00, ½ oz. $1.75, oz. $3.00.

Early Paris. Early sort, rather large heads and quite compact. Pkt. 10c., oz. 75c.

Early Dwarf Erfurt, Extra Selected. *One of the popular varieties* used in this section *for the market garden.* Plants are compact with few narrow, upright leaves, making it especially valuable for close planting and large yields. Heads are extra large size, pure white and averaging eight to nine inches in diameter. Market gardeners will find this variety runs very even in size. Pkt. 25c., ¼ oz. 75c., ½ oz. $1.25, oz. $2.25.

Early Snowball, Henderson's Its dwarf habit and short outside leaves allow it being planted very close together. An extremely early variety producing magnificent white heads of finest quality. For market gardeners' use it is one of the most profitable. Excellent for family use. Pkt. 25c., ¼ oz. $1.00, ½ oz. $1.50, oz. $2.50.

Fottler's Champion Erfurt We have sold this strain of Cauliflower for many years, and it has invariably proved satisfactory. The heads are uniformly large, compact, white and well formed. We know of no variety that is its superior, and our largely increased sales from year to year are evidence that it is found to be reliable by our customers, many of whom use it in large quantities. Pkt. 25c., ¼ oz. $1.00, ½ oz. $1.50, oz. $2.50.



Sea Foam It is of a dwarf and compact habit; medium-sized heads; firm and attractive in appearance. *Unsurpassed in quality,* almost a sure header; nearest to a snow-white head in Cauliflower. For forcing we do not think it is equaled. Pkt. 25c., ¼ oz. $1.00, ½ oz. $1.50, oz. $2.50.

CAULIFLOWER PLANTS

Early Snowball
Early Erfurt
Sea Foam

May delivery			June and July delivery	
Doz.	100	1000	100	1000
$0.20	$1.50	$10.00	$1.50	$8.00

CARROTS

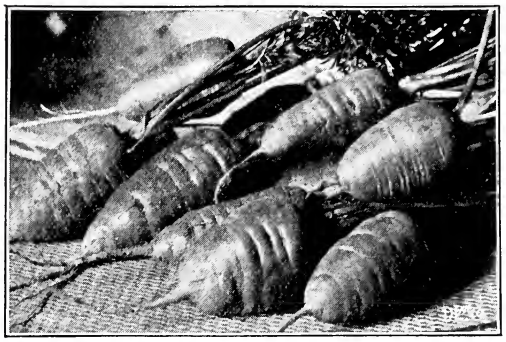
(Möhre)

One ounce will sow 100 feet of drill; three to four pounds required for acre.

CULTURE.—April is the time to sow for early use. Sow seed in drills twelve to fifteen inches apart, and thin out from three to four inches in drill, covering seed about one-half inch. For general crop sow in May same distance apart as above but cover seed a little deeper as sun is stronger. Perfect specimens require a fine, pulverized, deep soil.

Chantenay, Half-Long. Medium early, roots smooth, bright orange and of fine quality. An excellent market sort. Pkt. 5c., oz. 15c., ¼ lb. 50c., lb. $1.50.

Danvers Half-Long Improved (Stump Root.) *For a general crop the best; the largest yield; the most profitable for the market gardeners.* Roots medium length, deep orange, tapering uniformly to a blunt point; smooth and handsome. Flesh sweet, crisp and tender. The Danvers Half-Long originated in Danvers, Mass., where the raising of Carrots is a specialty. It is now grown largely everywhere on account of its great productiveness and great adaptability to all classes of soil. Great care has been taken in the selection of roots for seeds. Pkt. 10c., oz. 15c., ¼ lb. 50c., lb. $1.50.



Early Scarlet Horn Carrots

Danvers Half-Long (Special Strain). We have grown for us a special selection of this Carrot by a market gardener in Danvers. After years of careful attention to shape, color and productiveness for his own private use he has produced a variety as nearly perfect as possible. Our supply is limited. Pkt. 15c., oz. 50c., ¼ lb. $1.50, lb. $5.00.

Early Scarlet Horn (Stump Root). One of the best early forcing varieties, this being used mostly for forcing and extra early planting. It is very fine, green and excellent flavor as a table Carrot. Grows well in shallow soil, being a short variety with small top. The market gardener's favorite for extra early. Pkt. 5c., oz. 15c., ¼ lb. 50c., lb. $1.50.

French Forcing. This is a small variety for forcing; used largely in France. Pkt. 10c., oz. 20c., ¼ lb. 60c., lb. $2.00.

Guerande, or **Oxheart.** Roots are broad at the top, terminating abruptly in a small tap root. On account of their shape they are easily dug. Flesh is a bright orange, fine grain and very sweet. Tops are small for the size root. Grows well in soil too hard for the longer growing sorts. It is not over five or six inches long; usually they are three or four inches across. Pkt. 5c., oz. 15c., ¼ lb. 40c., lb. $1.50.

Large White Belgian. Root is pure white with green above ground. Small top, flesh rather coarse; roots grow to a large size on light, rich ground, usually about one-third above the ground. Pkt. 5c., oz. 10c., ¼ lb. 30c., lb. $1.00.

Long Orange Improved. Roots long, thickest near the crown, tapering regularly to a point; color deep orange. Pkt. 5c., oz. 10c., ¼ lb. 30c., lb. $1.00.

Nantes Half-Long. The sweetest of all Carrots. Roots are smooth almost cylindrical and grow about six inches long. The flesh is bright orange, becoming yellow in the center but without any distinct core; sweet and sugary; not apt to crack open while growing. An excellent table sort and a heavy cropper. Pkt. 5c., oz. 15c., ¼ lb. 50c., lb. $1.50.

Long Orange Improved Carrot

CELERY (Sellerie)

One ounce will produce about 3,000 plants. One-half pound of seed sufficient to sow one acre.

CULTURE.—The proper time to sow is early in April, transplanting about the first of June. Set in rows 3 feet apart, and about 12 inches between plants in the row. Some gardeners trim off the tops a little, while the plants are small, to make them more stocky. Keep down all weeds, and, as Fall approaches, draw earth up to the plants, keeping the stalks well together. This eartring-up is continued at intervals, until only the leaves appear above the soil. When well blanched is ready for use. For Winter use it is usually placed in frames and covered with earth and litter or stored in cool cellars. Comparatively few soils are suited to Celery culture. Rich, mellow soils of a sandy nature are best, while soils that settle and become hard after rain are unsuitable. The seed, being very small, should be covered very lightly, and the earth firmly pressed down upon it.

Boston Market *It is superior in quality to all other varieties,* and is very popular with the market gardeners. It is unexcelled for its tender, crisp and succulent stems and its peculiarly mild flavor. It forms a cluster of heads instead of a single large one. It must be blanched by earthing up at least four or six weeks. Pkt. 15c., ½ oz. 50c., oz. 75c., ¼ lb. $2.00.

Giant Pascal *For the market gardener this is the most profitable Celery for* Fall or Winter use. This is a green-leaved variety, developed from the Paris Golden; it is somewhat larger and taller and its fine nutty flavor is free from any bitter taste. It grows about two feet high, and the stocks are broad, thick and crisp; blanching with but slight earthing-up very quickly. Pkt. 10c., ½ oz. 20c., oz. 30c., ¼ lb. $1.00, lb. $3.50.

Golden Dwarf, or **Golden Heart.** A distinct variety, dwarf habit, very solid and an excellent keeper. Pkt. 10c., ½ oz. 15c., oz. 25c., ¼ lb. 75c.

WINTER QUEEN. It is one of the very best late varieties. A strong grower, thick ribbed, blanches a beautiful cream white. Ribs are solid, crisp and have a delicious nutty flavor. Pkt. 10c., ½ oz. 15c., oz. 25c., 2 oz. 40c., 4 oz. 75c., lb. $2.50.

Rose Ribbed. Medium early, compact growing, and light shade of pink. Pkt. 5c., ½ oz. 15c., oz. 20c., ¼ lb. 60c.

CELERIAC

Paris Golden (Self-Blanching). *For beautiful appearance and extreme earliness this variety is unexcelled.* Its compact growth and straight, vigorous, rich, golden yellow stocks are what make this Celery in such demand. It is self-blanching to a remarkable degree. In the vicinity of Boston it is the main early Celery raised by market gardeners, also for home use. Pkt. 20c., ½ oz. 75c., oz. $1.50, ¼ lb. $5.00.

White Plume. In some sections of the country this variety is produced in large quantities. Is very attractive when ready for use. Plants are light yellowish green, tips of leaves almost white which adds to its appearance. Pkt. 10c., ½ oz. 20c., oz. 30c., ¼ lb. $1.00, lb. $3.50.

Soup Celery. For flavoring. ¼ lb. 20c., lb. 50c.

Celery Plants. June and July delivery

		100	1000		100	1000
Giant Pascal	*Transplanted*	$1.00	$6.00	*Field-Grown*	$0.50	$4.00
Boston Market	*Transplanted*	1.00	6.00	*Field-Grown*	.50	4.00
Paris Golden	*Transplanted*	1.00	6.00	*Field-Grown*	.50	4.00

Celeraic (Knoll Sellerie)

or Turnip-Rooted Celery

One ounce will sow a bed of nine square yards.

CULTURE.—Sow in light rich soil early in Spring; transplant in May in beds and water freely. When plants are full grown earth up the bulbs to a height of four or five inches. In a month they will be blanched. The roots will be ready in October and are used in soups.

Apple Shaped. Of a very regular, almost spherical shape, with a fine neck and small leaves. Pkt. 5c., oz. 20c., ¼ lb. 50c.

Large Smooth Prague. An improved form of turnip-rooted Celery, producing large, smooth roots, which are almost round. Pkt. 5c., oz. 20c., ¼ lb. 50c.

CORN (Zucker Mais)

Sweet, or Sugar

One quart will plant 200 hills, one peck sufficient for one acre in hills.

We supply packets of all varieties at 10 cts. each, postpaid. If larger quantities are wanted by mail, add 5 cts. per pint and 10 cts. per quart extra for postage.

Prices on all Varieties of Corn, also Pop Corn: Pkt. 10c., pt. 15c., qt. 25c., 4 qts. 80c., pk. $1.25, unless otherwise mentioned.

Extra Early Varieties

Aristocrat. One of the largest extra early varieties. Ripens with the Cory; very large ears and excellent flavor.

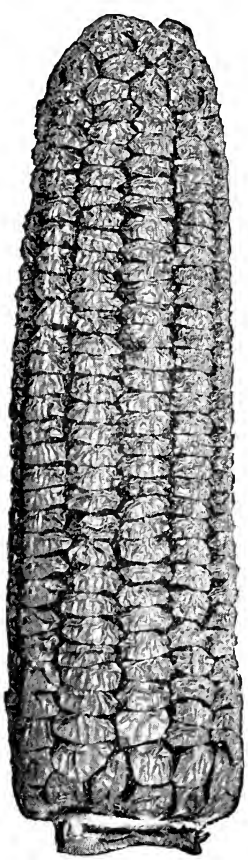
Burbank Early Maine. Medium size ear, with white cob and kernel. An excellent variety for the market gardener.

Champion Early. Large, handsome, twelve-rowed ears of excellent flavor, ripens directly after the Early Crosby.

Cory, Red Cob. One of the earliest and best extra early varieties. Ears are eight rowed, medium size, with red cob. *The popular extra early variety for the market.*

Cory, White Cob. Similar to the above, with white kernels.

Cory, Mammoth White Cob. A larger ear than the preceding variety.



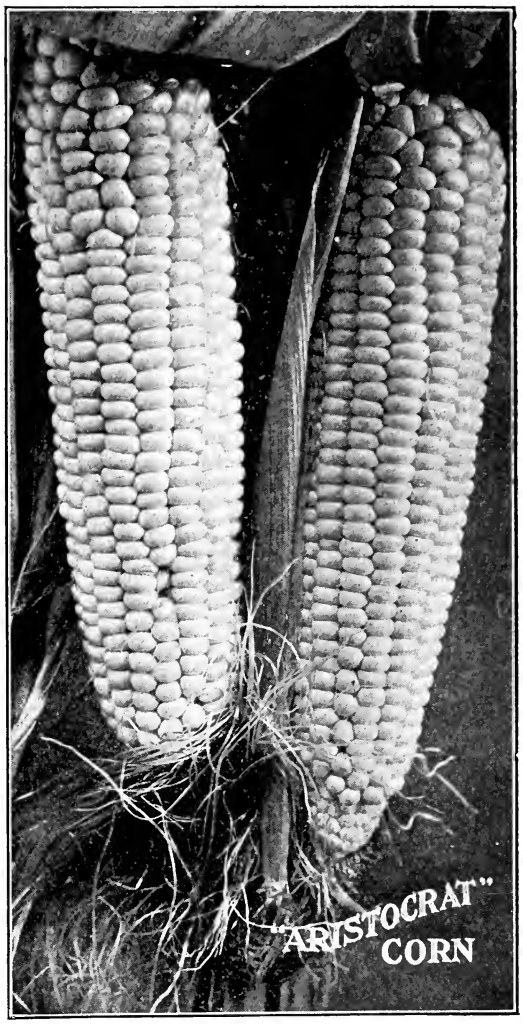
GOLDEN DAWN

Crosby Extra Early, or **Boston Market.** (Josiah Crosby Strain.) *Excels in quality the extra early varieties.* Ears are rather short, averaging from twelve to sixteen rows of rich sugary flavor; very productive. One of the best for canning, and we believe without a rival in the extra early varieties.

Metropolitan. *Largest variety in the extra earlies.* This, combined with the excellent flavor, makes it one of the most profitable in the list. Large kernels, ten to twelve rows, ears from eight to ten inches long.

Quincy Market. Nearly as early as Cory, but larger and much sweeter; twelve-rowed. Of excellent quality; valuable for the family garden as well as for market. It is ready for the table a little in advance of Early Crosby, and is often sold in the markets as Crosby, a variety which in a green state it strongly resembles. A strictly reliable variety and one which it is a pleasure to recommend.

Peep-O'-Day. This is said to be ten days earlier than any other variety. Small stalks, very prolific, medium size ear. Pt. 15c., qt. 25c., 4 qts. 80c., pk. $1.25.



Medium Earlies

Black Mexican. Although the ripe corn is black, when in a condition for the table is white. Exceedingly sweet flavored; one of the best for home use.

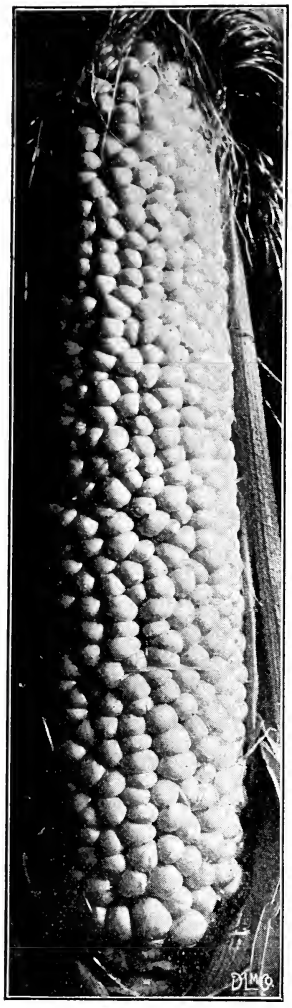
Concord Bearsfoot. Of the medium early varieties this is one of the most popular for the market. Has a large ear, rather flattened at the end, of excellent quality. Pt. 20c., qt. 30c., 4 qts. $1.00, pk. $1.75.

Crosby Early. Ears are larger than the Josiah Crosby strain, the stock growing taller, ears long and larger. *Best for all early markets.*

Golden Dawn. Ripens with the Early Crosby, grows about 5½ feet high; *very productive,* having two or three good ears on a stock. Usually eight to twelve rows *golden yellow kernels* even to the extreme end; quality is unequaled.

Golden Bantam. Ears not quite as large as Golden Dawn. Eight rows, kernels good size and golden yellow. Quality is excellent.

Moore's Concord. Large, handsome, fourteen-rowed ears, produced very low on the stock; is of good quality, large yield and excellent keeper.



COUNTRY GENTLEMAN

CORN, SWEET OR SUGAR, MEDIUM EARLIES—Continued

Potter's Excelsior, or

Squantum. *The richest flavored* of all the medium early white Corns. Ears good size, twelve rowed, deep kernels, remarkably sweet, sugary and tender. *A favorite with the market gardeners.*

This belongs to the extra early varieties

Pocahontas

Is one of the earliest varieties, similar to the White Cob Cory; very uniform as to type and productiveness; ears are large, evenly and compactly filled with tender white kernels of very fine quality for a first early variety. Pkt. 10c., pt. 20c., qt. 35c., pk. $2.00.

Granite State. We found this to be early, maturing just after the Extra Early Crosby and before the Early Crosby. The ears are very large for early Sweet Corn and set well down on the stalk, which is rather small; grows about five feet high and produces always two and usually three ears to stalk. These ears are well filled out at the end. Kernels medium size, pure white, and excellent quality. It is a real Sweet Corn, one you will remember after having once had the pleasure of eating an ear of **Granite State Sugar Corn.** Pkt. 15c., pt. 20c., qt. 35c., 4 qts. $1.25, pk. $2.00.

Late Varieties

Country Gentleman

Of all the late varieties this is the richest flavored, has the deepest grain and smallest cob. Exceedingly large size ear and very productive.

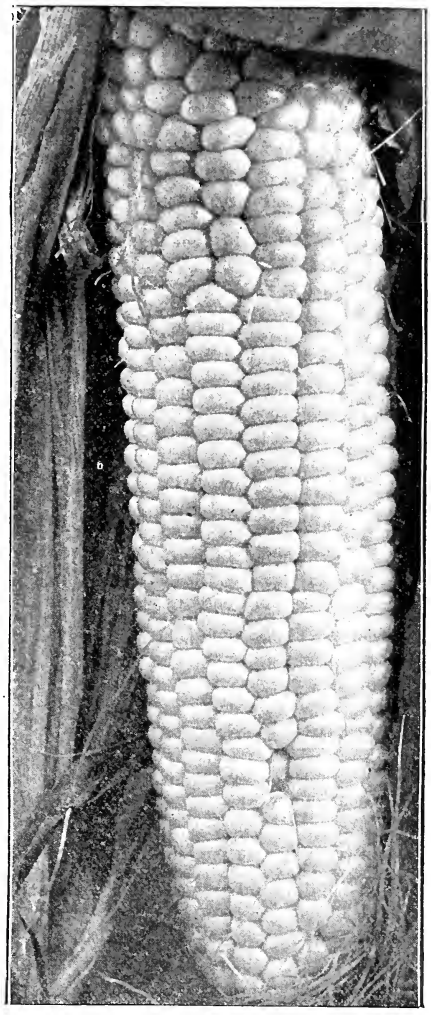
Mammoth Sweet. Produces mammoth ears which are very thick through with rows of large, broad grains of excellent quality; follows Stowell's in maturing.

Early Evergreen. This early strain of Evergreen resembles the Stowell's in every particular, only about ten days earlier.

Stowell's Evergreen

Now recognized everywhere as the standard late variety both for market and home use. Ears are large size, grains deep and especially tender and sugary. Remains longer in the green state than any other variety.

Washington Market. A large variety, delicious flavor; exceedingly popular in this market.



POTTER'S EXCELSIOR

Pop Corn

Queen's Golden. Medium-sized ears. Kernel yellow and pops perfectly white; quality excellent.

White Rice. Ears short, kernels long pointed white.

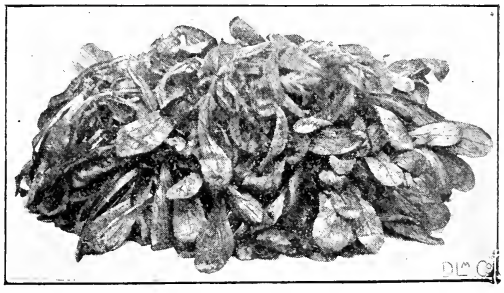
Red Beauty. Ears medium. Kernels round and red.

Corn Salad, or Fetticus

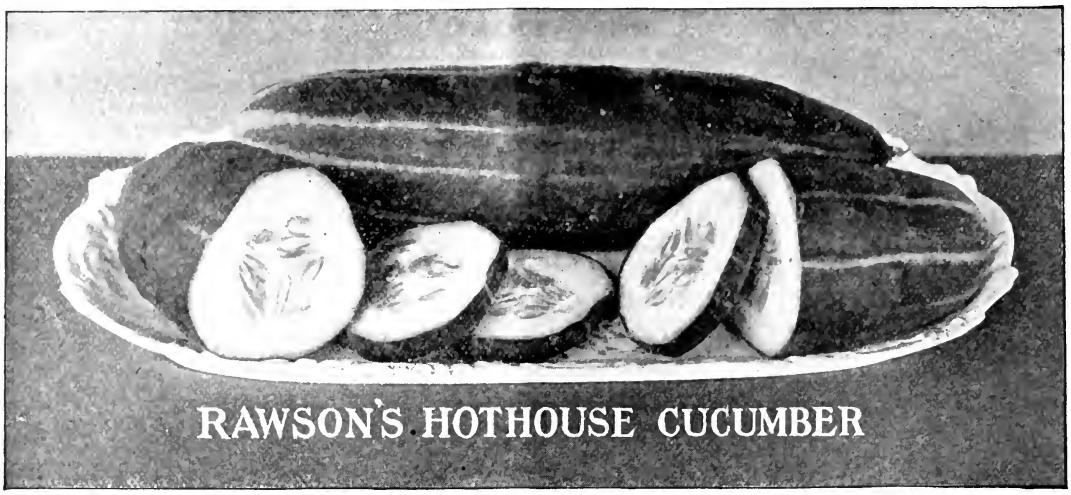
One ounce will sow 20 feet square.

CULTURE.—Is generally sown in August or September. Sow quite thick about one-quarter inch deep, thin out and keep clear of weeds. Protect in Winter by thin covering of straw or meadow hay. Ready early in Spring; use same as Lettuce. For Summer use sow early in Spring.

Corn Salad (Lamb's Lettuce). The well-known common variety. Pkt. 5c., oz. 10c., ¼ lb. 20c.



CORN SALAD



CUCUMBER (Gurke)

One ounce will plant about 50 hills; one to two pounds to the acre.

Cucumber seed delivered free at prices quoted.

CULTURE.—To obtain early Cucumbers, and at the same time avoid most of the annoyance of the striped bug, it is a good plan to plant the seeds about the first of May in frames, without much bottom heat. Small sods turned over may be placed close together in the frames, and upon these the seeds may be planted; or small pots may be plunged into the soil in the frames, and a few seeds placed in each. In three or four weeks these may be transplanted into open ground. Set, without disturbing the plants, each piece of sod into hills made 3 or 4 feet apart each way. When the plants have become well started, thin out, leaving four of the strongest in each hill. Pick all Cucumbers when large enough for use, whether needed or not, for if left on the vine to ripen they will cease to be productive. The seeds may be planted in the hills late in May, making the crop somewhat later. Use dry plaster or an infusion of powdered white hellebore in water to destroy the striped bug. For pickles, plant during the last two weeks in June.

Rawson's Hothouse. The finest strain of Cucumber for forcing and outdoor planting in existence. It is an improvement on Rawson's White Spine, the fruit being two inches longer and darker green in color. We have attained this result by years of selection, and feel confident that this strain cannot be equaled in this country. The great number of complimentary letters we have received warrant us in making the above claim, and we cannot recommend it too highly. Pkt. 25c., ½ oz. 50c., oz. 90c., 2 ozs. $1.50, 4 ozs. $2.50.

Arlington White Spine (For forcing). *This variety is one of superior quality for forcing.* Color is dark green, with very little of the white spine showing; it is extra long. Fruit grows very even in size and regular in form. Pkt. 10c., ½ oz. 15c., oz. 25c., 2 oz. 40c., ¼ lb. 75c., lb. $2.50.

Davis Perfect Forcing (For forcing). It is long and very dark green; shows the white spine only at the blossom end; grows remarkably uniform and is a very shy seeder. The average length is from ten to twelve inches. It is equally desirable for outdoor growing. Pkt. 10c., ½ oz. 15c., oz. 25c., ¼ lb. 65c., lb. $2.00.

Boston Pickling. *For pickling this variety is superior to all others.* Its fruit is short, pointed at each end, bright green, uniform in size, very productive and of superior quality. Pkt. 5c., oz. 10c., ¼ lb. 30c., lb. $1.00.

Cumberland. One of the newer varieties and a very rapid, vigorous grower *and very prolific.* Thickly set with very fine spines over the entire surface, except the extreme end. Firm, crisp and tender in all stages. Pkt. 5c., oz 15c., ¼ lb. 40c., lb. $1.25.

Early Frame. Medium size, very early, excellent for pickles. Pkt. 5c., oz. 10c., ¼ lb. 30c., lb. $1.00.

Early Green Clusters. Very early, short pickling variety; bearing fruit in clusters near the root. Pkt. 5c., oz. 10c., ¼ lb. 30c., lb. $1.00.

Early Russian. The earliest cucumber that we know of. Fruit usually set in pairs, and first blossoms usually produce fruit. Small, oval, pointed at each end and good quality. Pkt. 5c., oz. 10c., ¼ lb. 30c., lb. $1.00.

Green Prolific. Medium early; fruit is short, pointed at each end, bright green, uniform in size, very productive and of superior quality. Pkt. 5c., oz. 15c., ¼ lb. 30c., lb. $1.00.

Giant Pera. Frequently grows twelve to eighteen inches long. Fruit very smooth, straight, dark green with very few seeds, excellent flavor. Pkt. 5c., oz. 20c., ¼ lb. 50c., lb. $1.50.

Improved White Spine. *The market gardener's favorite* for field culture. It is one of the best sorts for the table, on account of its color, which seldom changes to a yellow, although kept long after being picked. Pkt. 5c., oz. 15c., ¼ lb. 40c., lb. $1.25.

Improved Long Green, or **Jersey Pickling.** The standard variety for pickling; dark green, productive, tender, crisp and of fine flavor; uniform in size. Pkt. 5c., oz. 15c., ¼ lb. 40c., lb. $1.25.

Japanese Climbing. Cucumbers are thick, exceedingly tender and of delicious flavor; flesh pure white, skin dark green, turning brown, and netted when ripened. Vines are vigorous and throw out strong, grasping tendrils, which enable it to climb a trellis or any suitable support. Pkt. 10c., oz. 15c., ¼ lb. 50c., lb. $1.50.

West Indian Gherkin, or **Burr.** Used exclusively for pickling. The fruits are two to three inches in length; thick, rounded form, closely covered with spines. Vines rather slender with small foliage. It has no value for slicing. Seeds germinate very slowly. Pkt. 10c., oz. 25c., ¼ lb. 60c.

English Frame Varieties

For growing in hotbeds; fruit about twenty to twenty-five inches in length.

Lockie's Perfection. Very popular for private use, medium length, smooth and of deep color. Pkt. 25c.

Rochford's Market. A grand cucumber for market, its color being in its favor. Pkt. 25c.

Telegraph. Of the many strains of this cucumber, we have not seen the equal of this; the best for market. Pkt. 25c.

Dandelion (Löwenzahn)

One ounce will sow 100 feet of drill. One and one-half to two pounds will sow one acre.

CULTURE.—Sow as early as the season will allow, in good, well-manured ground in rows twelve inches apart. Cover seed quarter-inch deep and press down soil after sowing. Thin plants to three inches in row; by so doing the roots will be larger and time saved next Spring in gathering the crop.

French Thick-Leaved. While there are several varieties of Dandelion used for market purposes the *French Thick-Leaved is the most popular* in this vicinity. It is a large leaved variety of upright growth. Our stock has been carefully selected by growers who make a specialty of the Boston market. Pkt. 10c., ½ oz. 25c., oz. 50c., ¼ lb. $1.25, lb. $4.50.

Egg Plant (Eierpflanze)

One ounce will produce about 1,000 plants.

CULTURE.—Sow early in March in hotbed, transplant to four or six inches apart. Plant out in open ground about May 20, two feet apart in row and three feet between rows. Egg plants are very tender and will not stand frost.

Black Beauty. Is from ten to twelve days earlier than the New York fruits; broad, thick. Pkt. 10c., ½ oz. 20c., 1 oz. 35c., ¼ lb. $1.25.

Early Long Purple. A very popular variety for market, especially in the northern section. Pkt. 5c., oz. 20c., ¼ lb. 60c.

New York Improved. *More largely grown for market than all other varieties.* Its color is deep purple, very large in size, fine quality and excellent keeper. Pkt. 10c., ½ oz. 20c., oz. 35c., ¼ lb. $1.25.

Egg Plants. Pot grown, doz. 60c., 100 $4.75; box grown, doz. 50c., 100 $3.50.

Horse Radish

Plant the sets in May, small end down, with top one inch below the surface, in rich, well-cultivated soil. Before planting set should be cut off slanting so as to prevent decay from water resting on top. Roots ready to pull in October. Small roots, ready for planting, purchaser paying transit, doz. 15c., 100 $1.00, 1000 $8.00. Delivered price, doz. 25c., 50 75c., 100 $1.50, 1000 $9.00.

BROAD-LEAVED BATAVIAN ENDIVE

Endive (Endivien)

One ounce will sow 150 feet of drill.

CULTURE.—Sow in May for early use about one-quarter inch deep in rows ten to twelve inches apart; thin out plants to eight inches in row. Before using plants require to be blanched, which is done by gathering the outer leaves to a point and tying with soft twine or raffia. For late use sow up to last of June.

Broad-Leaved Batavian, or **Escarolle.** The most popular variety for the market. This is the Chicoree Escarolle used chiefly in salads.

Green-Leaved. Pkt. 5c., oz. 15c., ¼ lb. 40c., lb. $1.50.

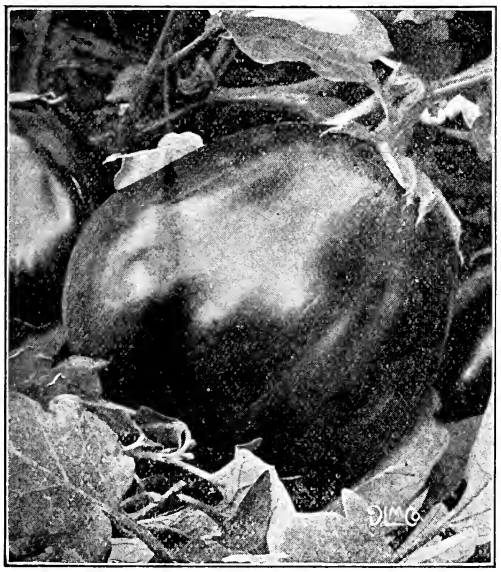
Giant Fringed. Broad leaves with a large, white heart and is an exceedingly strong grower. Pkt. 5c., oz. 15c., ¼ lb. 50c., lb. $1.50.

Green Curled. Beautiful growth of dark green leaves, tender and crisp. Hardiest of all. Pkt. 5c., oz. 15c., ¼ lb. 50c., lb. $1.50.

White Curled. Resembles the green except the color. Pkt. 5c., oz. 15c., ¼ lb. 50c., lb. $1.50.

Highest Grade Seeds bring positive results

Franklin Park Lawn Seed grows and produces a green lawn.



NEW YORK IMPROVED EGG PLANT

Kohl-Rabi

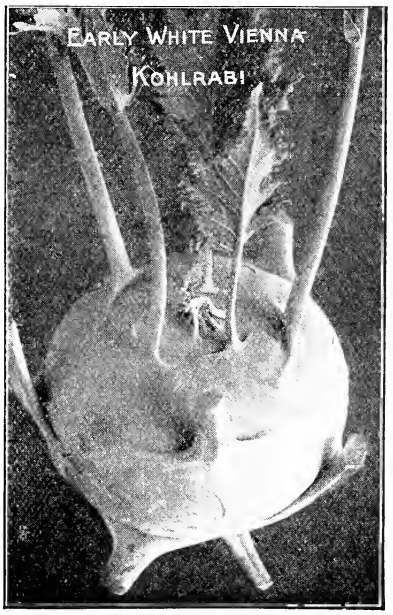
(Kohlrabi)

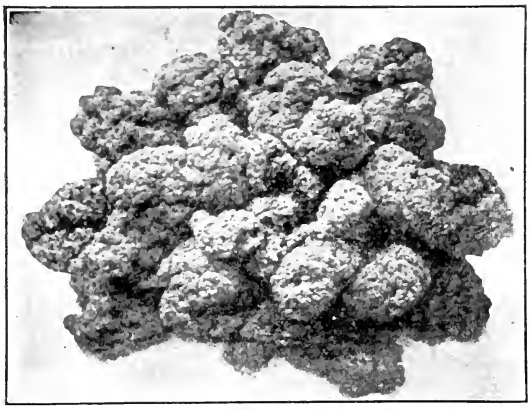
One ounce will sow a drill 200 ft. long.

CULTURE. — For early use sow in March or April in hotbed or in open ground in May. Cover seed one-quarter inch deep; transplant into rows two feet apart and plants from ten to twelve inches apart in rows.

Early Purple Vienna. Above ground, fine early sort, excellent table variety. Pkt. 5c., oz. 20c., ¼ lb. 50c.

Early White Vienna. Above ground, similar to preceding, except in color. Pkt. 5c., oz. 20c., ¼ lb. 50c.





DWARF CURLED SCOTCH KALE

Kale (Blätter Kohl)

Sow four pounds to the acre; one ounce will sow 150 feet of drill.

CULTURE.—For Spring use sow in September and protect during Winter with covering of straw. For Fall use sow in May or June, cover seed one-half inch deep. Transplant in rows three feet apart and two feet apart in row. Kale is improved by a little frost, giving it a more delicate flavor.

Dwarf Curled Scotch. *Extra fine curled,* bright green leaves, tender and fine flavor. Is very hardy and, like Savoy, is improved by moderate frost. Pkt. 5c., oz. 10c., ¼ lb. 25c., lb. 75c.

Siberian, or **German Greens** (Sprouts). A very hardy variety. *Popular with the market gardeners, very fine curled.* Should be sown in September in rows one foot apart for Spring greens. Pkt. 5c., oz. 10c., ¼ lb. 25c., lb. 75c.

Spring, or **Large Seeded.** Curled dark green leaves. Should be sown as early as the ground can be worked in the Spring. Rows eighteen inches apart. Pkt. 5c., oz. 10c., ¼ lb. 15c., lb. 30c.

Tall Curled Scotch. Leaves are bring green, exceedingly fine curled, tender and a fine flavor. Very hardy. Pkt. 5c., oz. 10c., ¼ lb. 25c., lb. 75c.

Leek (Lauch)

One ounce will sow 100 feet of drill.

CULTURE.—For best results sow as early as the ground can be worked in Spring, in rows one foot apart. Cover seed about one inch deep, transplant when plants are about six inches high in rows six inches apart; plant as deep as possible that the neck being covered may be blanched. Ground should be made very rich.

American Flag. Strong, vigorous growth, excellent for the market gardener. Pkt. 5c., oz. 20c., ¼ lb. 60c., lb. $2.00.

LEEK

Monstrous Carentan. Is of fine quality and much larger than any other variety. Pkt. 5c., oz. 25c., ¼ lb. 60c., lb. $2.00.

Large Rouen. One of the best for forcing. Leaves are dark green, very broad and thick; remains a long time in good condition. Pkt. 5c., oz. 20c., ¼ lb. 60c., lb. $2.00.

LETTUCE (Lattich Salat)

One ounce will sow 100 square feet or 120 feet of drill.

CULTURE.—For Winter use sow in greenhouse or hotbed and cover seed very lightly. Transplant first to three inches apart and then to eight inches. For outside use sow in rows, covering seed one-quarter inch, the rows eighteen inches apart, then thin out plants to eight inches in row.

Forcing Varieties

Arlington, White Seed. For sowing in hotbeds and heading with sash off in the Spring, also for early transplanting in the field. Pkt. 10c., ½ oz. 30c., oz. 50c., ¼ lb. $1.75, lb. $6.00.

Big Boston. Large heading variety, plain leaf, very hardy. Edges of leaves have brownish tinge. Pkt. 5c., oz. 20c., ¼ lb. 60c., lb. $2.00.

Rawson's Crumpled Leaf. One of the largest varieties grown for forcing. Leaves a dark green, slightly crumpled and very tender. Does not head as solid as other varieties. Pkt. 10c., ½ oz. 25c., oz. 40c., ¼ lb. $1.25, lb. $4.00.

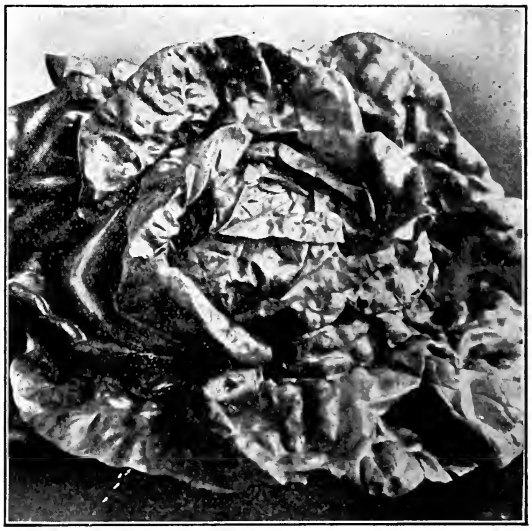
Hothouse Lettuce. This is especially adapted for growing in the greenhouse or hotbed. Has a very large head and not liable to rot in the heart, making it a most valuable sort for the market gardener. A favorite in the Boston and New York markets. The largest plain leaf Lettuce. Pkt. 10c., ½ oz. 25c., oz. 40c., ¼ lb. $1.25, lb. $4.00.

Hittinger's Belmont. An excellent forcing variety, dark green leaves and almost a sure header. One of the largest plain leaf heading varieties. Pkt. 10c., ½ oz. 25c., oz. 40c., ¼ lb. $1.25, lb. $4.00.

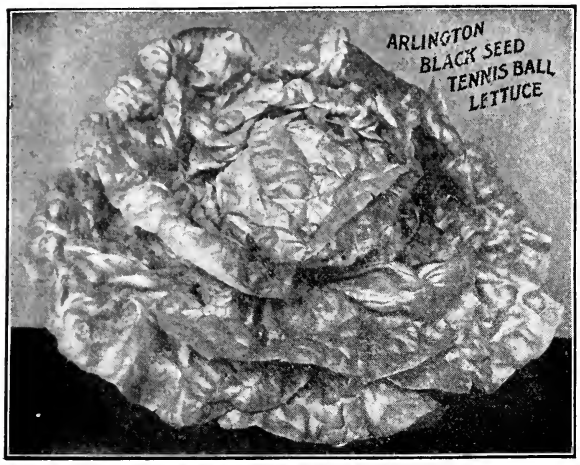
Hittinger's Belmont (Special Private Strain). Grown by one of the leading market gardeners in this vicinity from his private stock; we have only a limited supply. ½ oz. 30c., oz. 50c., ¼ lb. $1.75, lb. $6.00.

Grand Rapids. Leaves are crumpled, does not make a solid head. Is an excellent forcing variety as well as a good shipper. Pkt. 5c., oz. 15c., ¼ lb. 40c., lb. $1.25.

Tennisball White Seeded. This old variety is today one of our best forcing Lettuces. Pkt. 5c., oz. 20c., ¼ lb. 60c., lb. $2.00.



HOTHOUSE LETTUCE



Tennis Ball, Black Seed. A favorite with the market gardener. Heads are well formed, hardy and crisp. Excellent flavor and one of the earliest heading varieties; almost unexcelled; used by market gardeners in this vicinity. Pkt. 5c., ½ oz. 15c., oz. 25c., ¼ lb. 75c., lb. $2.00.

Tomhannock. The upright growing leaves with edges tinged brown make it very attractive. Is crisp and tender.

Wonderful. One of the large varieties, very crisp and tender.

Romaine or Cos Lettuce

Bath Cos. Very large; tall growing and fine flavor. Blanches easily.

Paris White Cos. Similar to the Bath Cos, only light colored leaves.

Trianon. A self-bleaching Cos Lettuce of excellent flavor. Very tender and crisp.

LETTUCE—Continued

Outdoor Growing for General Crop

Uniform price except where noted: Pkt. 5c., oz. 15c., ¼ lb. 40c., lb. $1.50.

American Gathering. Excellent flavor, tip of leaves marked with red.

Boston Curled. A superior strain. Of great beauty and fine quality. The handsome, frilled leaves make it a decidedly ornamental variety. The best of the Curled Lettuces. Pkt. 10c., oz. 30c., ¼ lb. $1.00, lb. $3.00.

Brown Head. More generally sown in Autumn and very hardy.

California Cream Butter. Heads are round, solid and good sized.

Deacon. Leaves light green with large, solid heads, very tender and crisp.

Golden Gate. The green-colored heads make this attractive for home use. Is a very sure header and fine flavor.

Golden Queen. Golden yellow, solid heads, fine for forcing. Of medium size. Pkt. 5c., oz. 15c., ¼ lb. 50c., lb. $1.50.

Hanson. An excellent plain leaf with large, solid heads; fine flavor, tender and crisp.

Mammoth Black-Seeded Butter. The largest and by many considered the best variety for the late crop. Sown from middle of July to middle of August, and produces enormous, finely formed heads of the finest quality. Pkt. 5c., oz. 15c., ¼ lb. 40c., lb. $1.25.

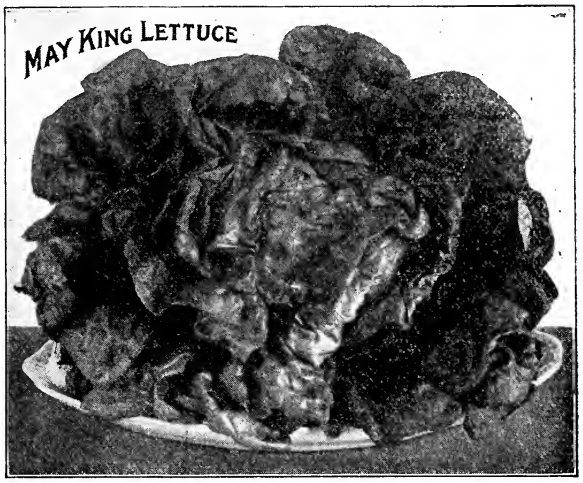
Mignonette. A very small-headed Lettuce, perfectly hardy and solid. One of the finest for the home garden. Pkt. 5c., oz. 15c., ¼ lb. 40c., lb. $1.25.

May King. A recent variety of great value on account of its extreme earliness, large size and tenderness. Will head with heat as well as out-of-doors, though attains a better size with open air culture. Has a globular-shaped head of enormous size, hard and well closed. A decided acquisition. Pkt. 5c., oz. 20c., ¼ lb. 60c., lb. $2.00.

Salamander. For a Summer variety this is one of the best, good-sized heads, and stands drought and heat with little injury.

Simpson, Black Seed. Heads are large, plain leaves light in color.

Simpson, Early Curled. One of our earliest curled varieties. Loose heads and very tender.



Plants, Lettuce.

Hothouse grown. Delivery from September to April. 100 $1.00, 1000 $9.00.

Black-seeded Tennis Ball. Delivery from May to September. 100 75c., 1000 $6.00.

MARTYNIA PROBOSCIDEA

Martynia

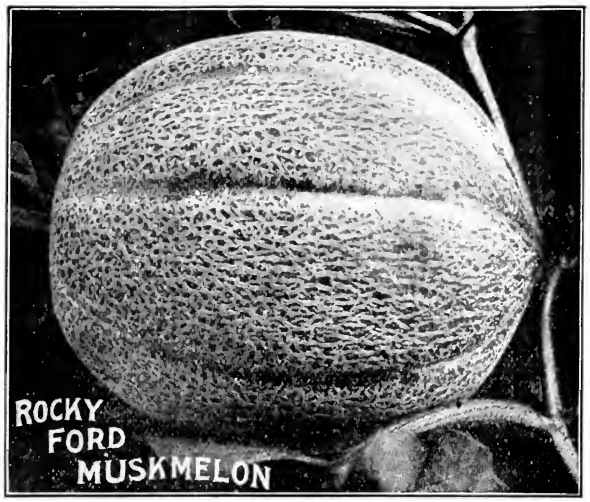
One ounce will plant about 150 hills.

CULTURE.—Sow in hotbed in March for early use; for outside use sow in April or May, cover seed about three quarters inch; plants require a space of three feet each way as they are of a branching nature. Pods used for pickling.

Martynia Proboscidea. Pkt. 10c., oz. 30c., ¼ lb. 85c.

Fennel

Florence, or **Naples.** Resembles celery in flavor but has a sweet taste and delicate odor. Should be sown in Spring in drills 18 inches apart and the plants should be thinned to 5 or 6 inches apart. Pkt. 5c., oz. 20c., ¼ lb. 50c.



Musk Melon (Melonen)

Plant two or three pounds for one acre. One ounce for 50 hills.

CULTURE.—Do not plant until all danger from frost is over, in hills six feet apart each way. Put a dozen seeds in a hill, and when danger from bugs is over thin to three or four plants. Pinch main stems, which will strengthen the vine, and the fruit will come earlier. Use Slug Shot or Bug Death to kill the bugs.

Green-Fleshed Varieties

Hackensack, Extra Early. Very early. Fruit is large and flattened. Ribs large and of irregular width, densely covered with coarse netting. Green flesh, thick and excellent flavor. *Always in demand in this market.* Pkt. 5c., oz. 15c., ¼ lb. 40c., lb. $1.25.

Jenny Lind. Green flesh, extra early and one of the sweetest in cultivation. Medium size. Pkt. 5c., oz. 15c., ¼ lb. 40c., lb. $1.25.

Long Island Beauty. Very similar to the Hackensack. Ripens early; fruits are large, heavily ribbed and netted. Excellent quality. Pkt. 5c., oz. 15c., ¼ lb. 50c., lb. $1.50.

Montreal Market Improved. One of the largest Melons grown. Fruit is nearly round, deeply and very irregularly ribbed. Skin green and densely netted; flesh remarkably thick and light green and of delicious flavor. The best Melon for exhibition purposes and home use. Pkt. 10c., oz. 20c., ¼ lb. 50c., lb. $1.50.

Netted Gem. Nearly round, skin green, ribbed and netted. Flesh light green. Excellent flavor, early and prolific. Pkt. 5c., oz. 15c., ¼ lb. 30c., lb. $1.00.

Rocky Ford. The most popular market variety. An improvement on the netted gem varieties; more oblong, skin is light green and netted. Flesh is green, excellent flavor; unsurpassed for shipping. Pkt. 5c., oz. 15c., ¼ lb. 30c., lb. $1.00.

Mango, or **Vegetable Orange.** While this fruit belongs to the Melon family, it has a flavor entirely its own. Used for pickling. Shape is oblong and very dark green. Pkt. 5c., oz. 15c., ¼ lb. 45c., lb. $1.50.

Red or Salmon-Fleshed

Banana. So called on account of its shape; salmon colored flesh. Pkt. 10c., oz. 25c., ¼ lb. 75c., lb. $2.00.

Burrell's Gem. Grows uniform in size and weight; flesh golden and very thick, fine grained, excellent quality. Pkt. 5c., oz. 15c., ¼ lb. 40c., lb. $1.25.

Christiana Improved. Flesh is very thick, dark, rich yellow and fine flavor. Pkt. 5c., oz. 15c., ¼ lb. 50c., lb. $1.25.

Emerald Gem. It is of a rich, delicious flavor and fine quality. Very early and prolific; skin is striped deep emerald green with a few light colored stripes. Flesh is very thick and salmon color. *Exceedingly popular variety for market gardener or home use.* Pkt. 5c., oz. 15c., ¼ lb. 40c., lb. $1.25.

Fordhook (Burpee). Small; very early, of vigorous growth and surpassingly sweet. Pkt. 10c., oz. 30c., ¼ lb. 85c.

Long Yellow. Flesh salmon color, good sized, netted and slightly ribbed. Pkt. 5c., oz. 10c., ¼ lb. 30c., lb. $1.00.

Miller's Cream. Skin dark green color, slightly netted. Flesh salmon color, sweet and delicious flavor. A remarkable keeper. *One of the best salmon fleshed Melons for shipping.* Pkt. 5c., oz. 15c., ¼ lb. 40c., lb. $1.25.

Petoskey, or **Paul Rose.** Nearly oval, slightly ribbed, netted; flesh thick and orange color. Pkt. 5c., oz. 15c., ¼ lb. 40c.

Surprise. Very early, oblong, cream color skin, flesh salmon color. Pkt. 5c., oz. 15c., ¼ lb. 30c., lb. $1.00.

Water Melon (Wassermelonen)

One ounce will plant about 30 hills; four pounds to the acre. Culture same as Musk Melon.

A uniform price: Pkt. 5c., oz. 10c., ¼ lb. 25c., lb. 75c.

Cole's Early. An extra early variety; almost sure to ripen in this vicinity. Oval in shape and flesh excellent in flavor.

Cuban Queen. Vigorous in growth, striped dark and light; flesh is very solid, bright red, crisp and delicious flavor.

Dixie. Fruit medium size, skin dark green striped with a lighter shade. Flesh bright scarlet; ripens closely to the rind. Excellent keeping qualities.

Early Fordhook. One of the earliest large-fruited Melons. Skin dark green; flesh bright red; crisp, sweet; excellent quality.

Florida Favorite. A large, oblong, dark green skin striped with a deeper green. Flesh deep red, of excellent flavor.

Hungarian Honey. Early; nearly round; very dark green skin, with brilliant red flesh, which is very sweet. Vines healthy and productive.

Gray Monarch. A large oblong, mottled very light green. Specimens have been raised to weigh fifty to sixty pounds; quality excellent.

Ice Cream. Pale green, medium size, nearly round; flesh solid, scarlet, good flavor.

Kentucky Wonder. Oblong, skin striped, flesh scarlet. Crisp, rich sugary flavor.

Kleckley's Sweet. This "sweetest of all" Melons has now become exceedingly popular; luscious flavor, very fine grained, tender meat. Fruit of large size, rind very thin.

Kolb's Gem, or **American Champion.** Is of oval shape, with dark green stripes and large size; excellent flavor.

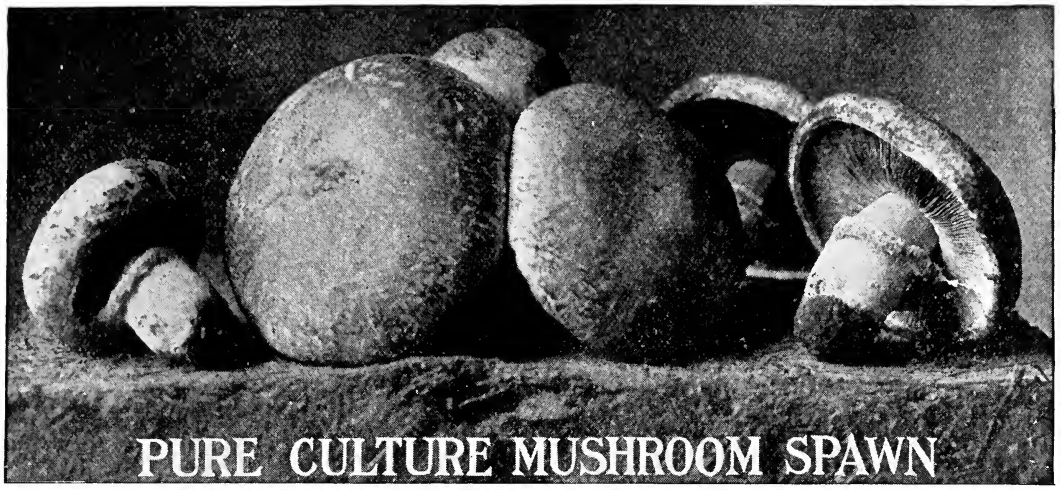
Mountain Sweet. For general use one of the best. Color, dark green; thin rind; flesh scarlet, solid and of excellent flavor.

Phinney's Early. This is one of the earliest varieties. Vines vigorous and productive. Melons medium size, oblong, smooth and marbled with two shades of green. Foliage is thick. Very sweet and tender.

Triumph. Handsome, large, dark green; excellent shipper; fine quality.

Citron. For preserving. Striped with light green; flesh white, red seeds.

Colorado Preserving. Very productive; flesh firm, solid and white; seeds pale green.



Mushroom Spawn (Champignon-Brut)

Ten bricks will spawn ten feet square.

CULTURE.—Mushrooms may be grown in any place where the conditions of temperature and moisture are favorable. The most essential factor, perhaps, is that of temperature. The proper temperature ranges from 53 degrees to 60 degrees F., with the best from 55 to 58 degrees F. It is unsafe to attempt to grow mushrooms at a temperature much less than 50 degrees or greater than 63 degrees F. Any severe changes of temperature retard growth or else act injuriously.

Fresh manure should be obtained and this should include the litter used for bedding the animals. It is a great mistake to use manure free from straw. Again stable manure which has been well trampled is nearly always well preserved, and is frequently much richer than any other kind.

After the beds are prepared the temperature should be and usually will be, too high for spawning. After a sudden rise the temperature should gradually fall during the course of a week or more to about 70 degrees or 75 degrees F. At this temperature spawning may take place, but under absolutely no circumstances should a bed be spawned at a temperature greater than 80 degrees F. The bricks are broken into pieces about two inches square, or into from ten to twelve pieces per brick. These pieces are inserted from one to two inches below the surface, about ten inches to one foot apart, and the bed is then compressed into final shape. Under the most favorable circumstances it is unnecessary and undesirable to water the beds for several weeks after spawning. If they dry out rapidly and some water is necessary, it should be given as a surface spraying, for water in quantity applied to young spawn will almost invariably cause the latter to damp off.

Lambert's Pure Culture Spawn. Produced under the new, selective method, is received absolutely fresh at frequent intervals from the manufacturer. This spawn will produce mushrooms of a specific variety, selected with special reference to their size, color and prolificness, to the exclusion of other and inferior fungi. It absolutely eliminates all danger of raising poisonous mushrooms. We keep on hand the cream white, brown and pure white varieties. Each brick weighs from 1¼ to 1 1-3 lbs., and will spawn ten square feet of beds. Bricks are of two kinds, Standard and Direct. Standard bricks are inoculated from a pure culture transfer; Direct bricks are inoculated directly from the original laboratory culture. Sold by the brick. Per Standard brick 25c., postpaid 35c.; 5 bricks by express $1.00, 10 bricks $2.00, 25 bricks $4.25, 50 bricks $8.00, 100 bricks $15.00. For Direct bricks add 3c. per brick to the above prices.

Mustard (Senf)

Sow one ounce to 80 feet of drill.

CULTURE.—For early use sow in hotbed in March, and for general use at intervals, during the Summer, in rows six inches apart and thick in row. Cut when not over two inches high.

Chinese. Leaves twice the size of the ordinary white mustard, of a deeper green. Flavor pleasantly sweet and pungent, and preferable as a salad. Oz. 15c., ¼ lb. 30c.

Black, or **Brown.** For culinary use. Pkt. 5c., oz. 10c., ¼ lb. 15c.

White, or **Yellow.** For salads or medicinal purposes. Pkt. 5c., oz. 10c., ¼ lb. 15c.

Okra

One ounce will plant 100 hills.

CULTURE.—Sow about the middle of May when the ground is warm, in hills about three feet apart; cover seed one-half inch and thin plants to three in a hill. Keep ground well hoed and earth up around the plants to support them. Gather pods while young and tender. Excellent for soups and stews, etc., to which they impart a rich flavor.

Improved Long Green. Long, slender pods, very productive, and only 14 inches high. Pkt. 5c., oz. 10c., ¼ lb. 25c., lb. 60c.

White Velvet. Smooth and of a velvety appearance. Tender and of good flavor. Pkt. 5c., oz. 10c., ¼ lb. 25c.

Perkin's Mammoth. The pods shoot out from the stalk within three inches from the ground and the entire plant seems to be covered with pods of intense green color and unusual length and does not get hard quickly. Pkt. 5c., oz. 10c., ¼ lb. 25c., lb. 60c.

OKRA

A FIELD OF NEW ENGLAND GROWN DANVERS YELLOW GLOBE ONION

ONION (Zwiebeln)

An ounce will sow 100 feet of drill. Four to five pounds to the acre.

CULTURE.—Select a clean, rich piece of land, upon which Onions were grown the previous year, if possible. Scatter broadcast a heavy dressing of well rotted manure, and plough 6 or 7 inches deep as early in the Spring as the ground can be worked; harrow and rake down to a fine even surface. Sow about four pounds of seed per acre, in drills a foot apart, and a quarter of an inch deep. If a seed-drill is used, it should be provided with a good roller to press the earth firmly upon the seed, particularly if the soil is very dry. Sow as early as possible. A few days' delay often makes a marked difference in the crop. Unless the plants stand very thick together, they need not be thinned out much, if any, as Onions will crowd each other, and find room to grow. **Never allow the weeds to get ahead of the young plants.** The weeds must receive early attention. Use a scuffle or wheel-hoe between the rows and pull out the weeds not reached by the hoe. When the tops are all down, and the Onions well formed, they may be pulled, and left on the ground for a fortnight or longer to dry (unless the weather be unfavorable), turning them occasionally with a wooden rake.

New England Grown Onion Seed

Red Flat, Extra Early. Usually comes about two weeks earlier than the Large Red Wethersfield; of medium size and an abundant producer. Uniform in shape. Pkt. 5c., oz. 15c., ¼ lb. 40c., lb. $1.60.

Red Globe, Southport. Flesh fine grain, mild and tender; matures quite early; good size; skin deep red. Pkt. 5c., oz. 20c., ¼ lb. 50c., lb. $1.75.

Red Italian Tripoli. Large, flat Onion, mild flavor, producing very large bulbs. Pkt. 5c., oz. 25c., ¼ lb. 60c., lb. $2.00.

Red Wethersfield **Large.** *The largest, heaviest yielder and best keeper of all Red Onions.* This is the standard red variety, large size. Skin deep purplish red. Smooth and glossy flesh, white lightly tinged with pinkish rose. The large solid onions keep well for late Winter markets. Pkt. 5c., oz. 20c., ¼ lb. 50c., lb. $1.75.

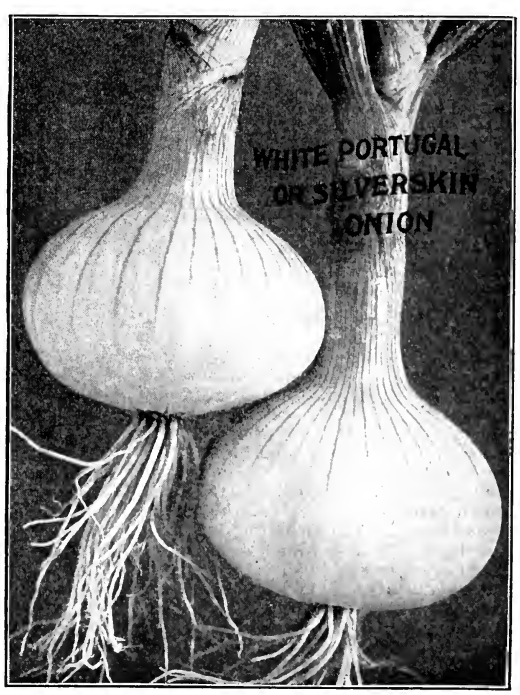
White Portugal or **Silver Skin.** *Largely grown by market gardeners.* Very desirable for family use. Mild flavor, skin silvery white, of handsome appearance. Pkt. 10c., oz. 20c., ¼ lb. 60c., lb. $2.25.

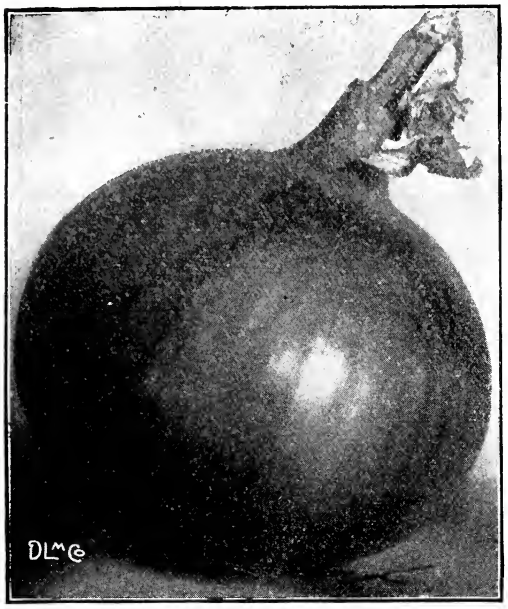
White Globe, Southport. A large globe-shaped Onion. *A popular market variety,* an enormous yielder and good keeper. Its clear white skin and uniform shape demand highest market prices. Pkt. 10c., oz. 25c., ¼ lb. 75c., lb. $2.50.

White Queen. A silver skin variety of quick growth, very early. If sown thickly, valuable for pickles. Pkt. 5c., oz. 25c., ¼ lb. 60c., lb. $2.00.

White Italian Tripoli. A large, pure white, flat Onion of mild flavor. Pkt. 5c., oz. 25c., ¼ lb. 60c., lb. $2.00.

White Adriatic Barletta. Of the small Onions this is the earliest, especially adapted for pickling and table use; of rapid growth. Pkt. 5c., oz. 25c., ¼ lb. 60c., lb. $2.00.





YELLOW PRIZETAKER ONION

ONION—Continued

Yellow Cracker, Early. A very popular variety in Rhode Island markets. Is extra early. Pkt. 5c., oz. 25c., ¼ lb. 60c., lb. $1.75.

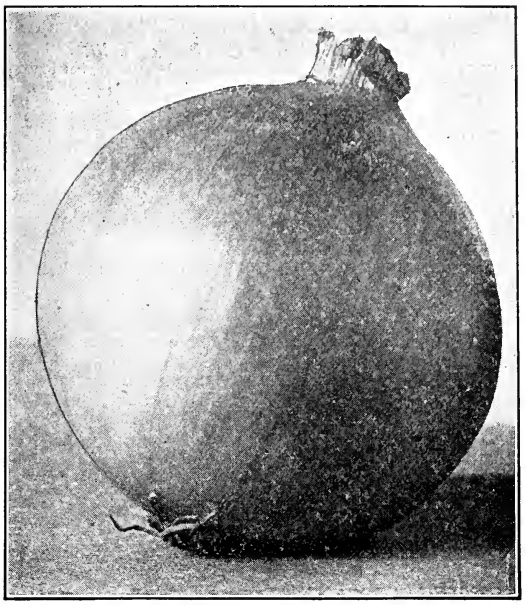
Yellow Danvers Globe *This is the most popular of all the yellow Onions for market and home use.* Uniform in shape, heaviest cropper and best keeper. This strain of seed has been grown many years in this vicinity, and is practically the only yellow Onion for the market gardeners here. It is the true Buxton type; is large in size, early, an abundant cropper, very thick bulb, flat or slightly convex bottom, full, oval top, small neck, rich brownish yellow skin. **Special.** This seed offered is *the very highest quality, grown by a market gardener* of long experience. Pkt. 10c., oz. 30c., ¼ lb. 90c., lb. $3.00.

Yellow Danvers Globe. Seed grown in California by an experienced gardener. Pkt. 5c., oz. 15c., ¼ lb. 50c., lb. $1.50; by express, 10 lbs. $13.00.

Yellow Globe, Southport. An excellent Onion for market; largely grown in Connecticut by market gardeners, and is increasing in favor in this vicinity. Pkt. 10c., oz. 20c., ¼ lb. 75c., lb. $2.00.

Yellow Prizetaker Excellent keeper, enormous size. Usually a rich straw color, averaging from twelve to fourteen inches in circumference. It is the large yellow Onion that is offered for sale at our fruit stores and large stores in the Fall. They ripen up hard and fine; flesh is pure white, fine grained, mild, delicate flavor; excellent for Fall or early Winter use. Pkt. 5c., oz. 20c., ¼ lb. 50c., lb. $1.65; by express, 10 lbs. $15.00.

Ailsa Craig. The largest Onion grown. This is an English variety and is quite popular with the English gardeners. It resembles the American variety of Prizetaker but will grow much larger and more globular in form. The skin is an attractive straw color; flesh is mild; will keep remarkably well for such a large bulb. In order to produce the largest and best Onion the seed should be sown in a hotbed early in the Spring, and transplanted when of sufficient size. They will prove valuable for those who grow them for exhibition purposes, as they are most attractive and showy. Pkt. 15c., ½ oz. 20c., oz. 35c., ¼ lb. $1.00, lb. $3.50.



DANVERS YELLOW GLOBE ONION

Onion Sets

Special quotations in bushel lots. Market price.

White Onion Sets. For setting in early Spring to produce the first early white Onions; *largely used by market gardeners for bunching.* Qt. 25c., ½ pk. 70c., pk. $1.25, bus. (32 lbs.) $4.00.

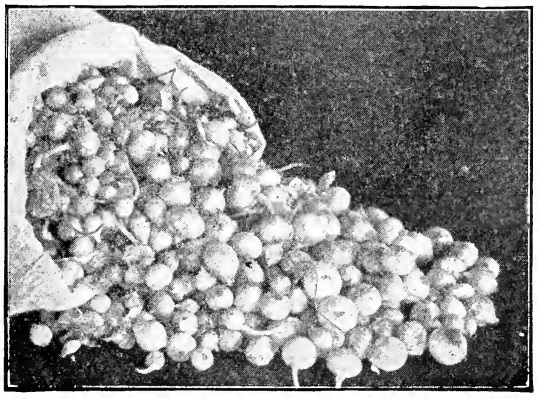
Yellow Onion Sets. These, like the white and red, are for early setting in Spring in place of sowing the seed, producing a large Onion much earlier than can be done by the seed. Qt. 25c., ½ pk. 50c., pk. $1.00, bus. (32 lbs.) $3.50.

Egyptian, or **Perennial Tree Onion.** The young sets grow on the top of the stocks like tree Onions. Should be planted in August or September for early Spring use. They are prefectly hardy. Qt. 25c., ½ pk. 75c., pk. $1.00, bus. (28 lbs.) $3.50.

Potato Onions, Yellow. From the parent bulb many small bulbs are produced in clusters. Used for early Onions. Qt. 25c., ½ pk. 75c., pk. $1.25.

Potato Onion, White, or **Multiplier.** Very similar to the yellow only the color is pure silvery white; quality is excellent; good size for bunching green. Qt. 25c., ½ pk. 75c., pk. $1.25.

Shallots. For early planting. Qt. 25c., ½ pk. 75c.



SMALL ONION SETS

Parsley (Petersilie)

One ounce will sow 100 feet of drill.

CULTURE.—Parsley seed germinates very slowly, taking two to four weeks to come up; hence, if wanted early, no time should be lost by delaying the sowing. Make the rows 12 to 14 inches apart. Thin to 3 or 4 inches apart, or transplant at this distance. Can be sown in hotbeds in February, or later in open ground. Late in Autumn place frames over some of the plants to lengthen out the season of cutting. For garnishing purposes nothing equals Parsley; it is also used in salads, soups, etc. Any good soil will suit for growing this plant.

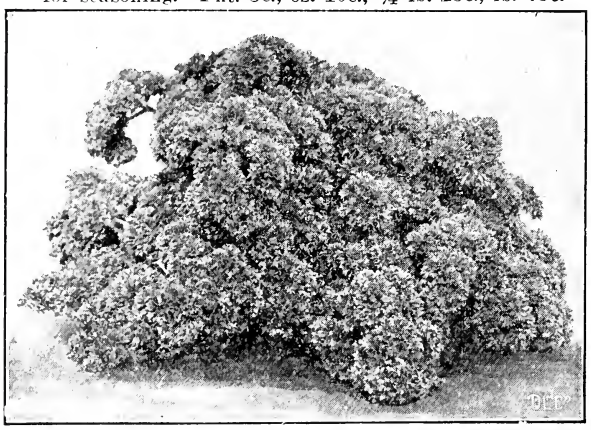
Champion Moss Curled. Leaves are of exceedingly dark green color, very finely curled, making it most attractive for garnishing, while the plant is very attractive as a border. Pkt. 5c., oz. 15c., ¼ lb. 40c., lb. $1.25.

Double Curled. Very robust, free growth. Leaves are large, very dark green and beautifully curled; exceedingly large yielder. Stands heat and cold better than most varieties. Pkt. 10c., oz. 15c., ¼ lb. 40c., lb. $1.25.

Hamburg, or **Rooted.** A rooted variety, of which the roots are the portion used; good in flavoring soups and stews. Pkt. 5c., oz. 10c., ¼ lb. 30c.

Fern Leaf. This is most exquisite in form and color. Unsurpassed as a garnishing plant. Pkt. 5c., oz. 10c., ¼ lb. 25c., lb. 75c.

Plain Leaf. Leaves are longer and darker green than the curled varieties; very hardy. Excellent for seasoning. Pkt. 5c., oz. 10c., ¼ lb. 25c., lb. 75c.



DOUBLE CURLED PARSLEY

Parsnip (Bastinacke)

One ounce will sow 100 feet of drill.

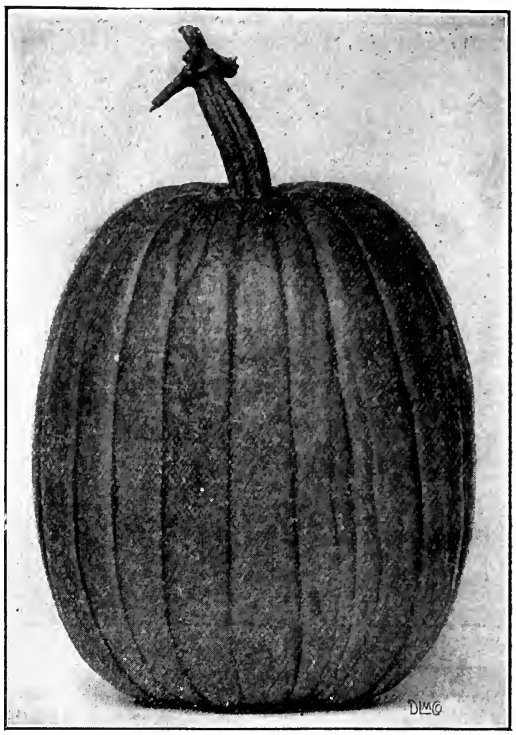
CULTURE.—Sow in Spring as soon as the weather will permit in rows eighteen inches apart. Cover seed one-half inch deep; thin out to five inches apart in row when plants are large enough. A little frost improves the flavor. Take up what is wanted for Winter, leaving the rest in the ground for Spring.

Arlington Long Smooth. (Private Stock.) For deep soil and keeping in ground over Winter this is the best variety; large yielder. Roots are very long, exceptionally smooth with a full crown, so that it keeps in the ground over Winter if necessary. *Unsurpassed for market and exhibition purposes.* This is especially selected for the full round crown and runs absolutely true from the seed of this private stock. Pkt. 10c., oz. 15c., ¼ lb. 50c., lb. $1.50.

Improved Guernsey. An improved curled variety, hollow crown type. It is a very heavy cropper, roots smooth, flesh fine grain and excellent quality. Pkt. 5c., oz. 15c., ¼ lb. 30c., lb. 75c.

Improved Hollow Crown. Roots medium length with a small tap root Very smooth, clear skin. Pkt. 5c., oz. 15c., ¼ lb. 30c., lb. 75c.

Short Round French. A round, early variety. Pkt. 5c., oz. 15c., ¼ lb. 30c., lb. 75c.



NANTUCKET SUGAR PUMPKIN

Pumpkin (Pürbiß)

One pound will plant 200 to 300 hills. One ounce will plant 20 hills.

CULTURE.—Sow when all danger from frost is over in hills eight feet apart; thin out to four plants in a hill. The common practice is to drop two or three seeds in every third or fourth hill in the corn field.

Cushaw, or **Crookneck.** Large, light cream color, fine grain. Pkt. 5c., oz. 10c., ¼ lb. 20c., lb. 75c.

Connecticut Field. The best for field culture. Pkt. 5c., oz. 10c., ¼ lb. 15c., lb. 50c.

King of the Mammoths. The largest of all Pumpkins. Pkt. 5c., oz. 15c., ¼ lb. 45c., lb. $1.50.

Large Cheese. Large, round flattened, with creamy buff skin. Pkt. 5c., oz. 10c., ¼ lb. 20c., lb. 65c.

Nantucket Sugar, or **Negro.** Skin very dark green, almost black; flesh thick, and rich orange yellow. Excellent keeper. Pkt. 5c., oz. 10c., ¼ lb. 20c., lb. 60c.

Small Sugar. Fine grain, sweet, excellent keeper. Skin deep, orange yellow. Pkt. 5c., oz. 10c., ¼ lb. 20c., lb. 60c.

Winter Luxury. Medium size, productive and an excellent keeper. Color of skin russet; finely netted. Pkt. 5c., oz. 10c., ¼ lb. 25c., lb. 75c.

IMPROVED GUERNSEY PARSNIPS

PEAS (Erbsen)

Peas if wanted by mail, add for postage 8c. per pint, 15c. per quart.

One quart will plant 100 feet of drill; from one to two bushels per acre.

EXTRA EARLY VARIETIES

Alaska. Vines grow from twenty to thirty inches in height, bearing well-filled, medium-sized pods. Dry seed is of a bluish color. Matures one of the extreme earlies.

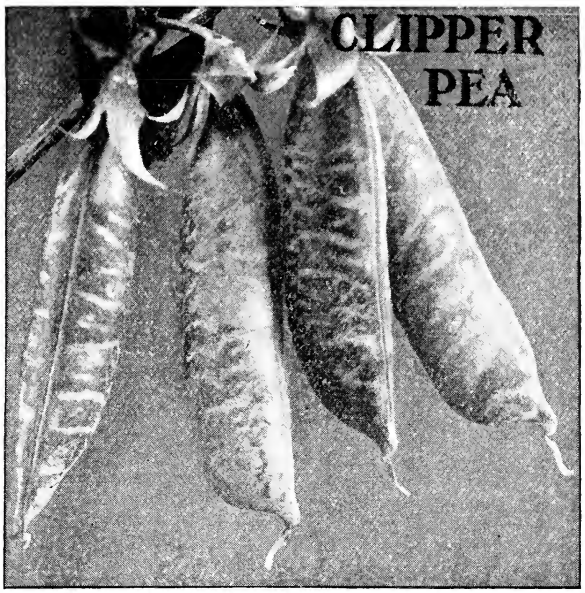
Pkt.	$0.10
Pint	.20
Quart	.35
4 quarts	1.15
¼ bus.	1.75

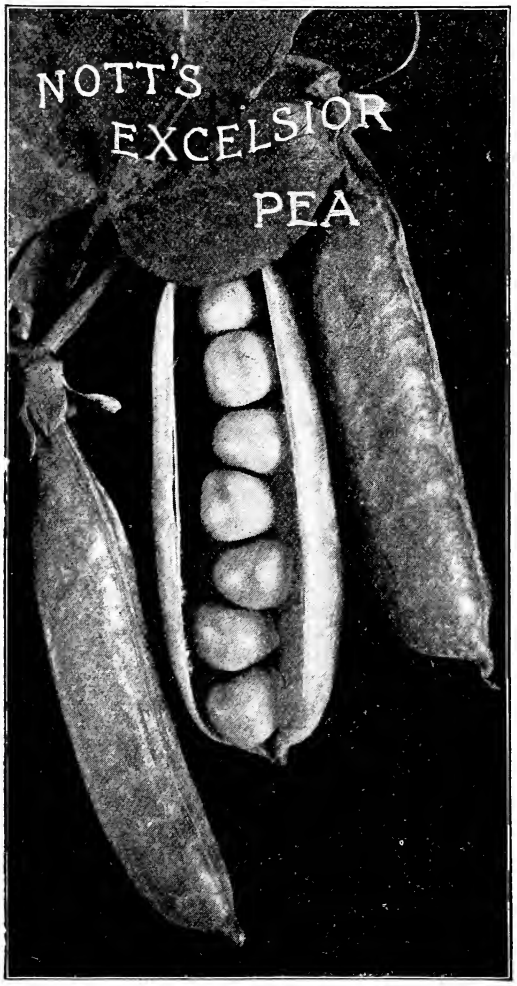
American Wonder. *On the points of flavor and quality* this Pea *stands at the head of the list.* Very dwarf and robust habit and grows ten to fifteen inches high. Pods well filled; dry peas medium size and wrinkled.

Pkt.	$0.10
Pint	.20
Quart	.35
4 quarts	1.15
¼ bus.	2.00

Clipper. *One of the earliest varieties grown.* Vines usually about thirty inches high and well covered with pods. Peas medium size, excellent flavor, smooth and bluish color.

Pkt.	$0.10
Pint	.20
Quart	.35
4 quarts	1.15
¼ bus.	2.00





Pedigree, Extra Early. Of the strains of extra earlies we have tried, this is the purest ever offered to the trade. The vines are strong and vigorous, bearing pods of good length and well filled; exceptionally uniform.

Pkt.	$0.10
Pint	.20
Quart	.30
4 quarts	1.00
¼ bus.	1.75

Gradus. or **Prosperity.** *The most popular of the long, large podded, wrinkled Peas.* Of the finest quality, and matures pods only a few days later than the extra early smooth Peas. Vines grow about 2½ feet high; very large. Are of superior quality in size and flavor. Always salable as a market variety.

Pkt.	$0.10
Pint	.20
Quart	.40
4 quarts	1.25
¼ bus.	2.25

Laxtonian. One of the earliest dwarf Peas. Vines are vigorous, growing about eighteen inches high, well covered with large, even-sized pods averaging 8 or 9 to a vine and 9 to 10 peas in a pod. Quality of the best.

Pkt.	$0.15
Pint	.25
Quart	.40
4 quarts	1.50
¼ bus.	2.50

Nott's Excelsior. *This is one of the most popular extra early wrinkled varieties,* especially with the market gardener. Vines are dwarf and vigorous. Pods contain from six to eight large peas, packed very closely together in the pod, making them more square than round. Pods average about 3 inches in length. Peas of superior quality.

Pkt.	$0.10
Pint	.20
Quart	.35
4 quarts	1.10
¼ bus.	2.00

Premium Gem. Grows about fifteen inches high. Peas are medium sized and wrinkled. Of excellent quality. Excellent for home use.

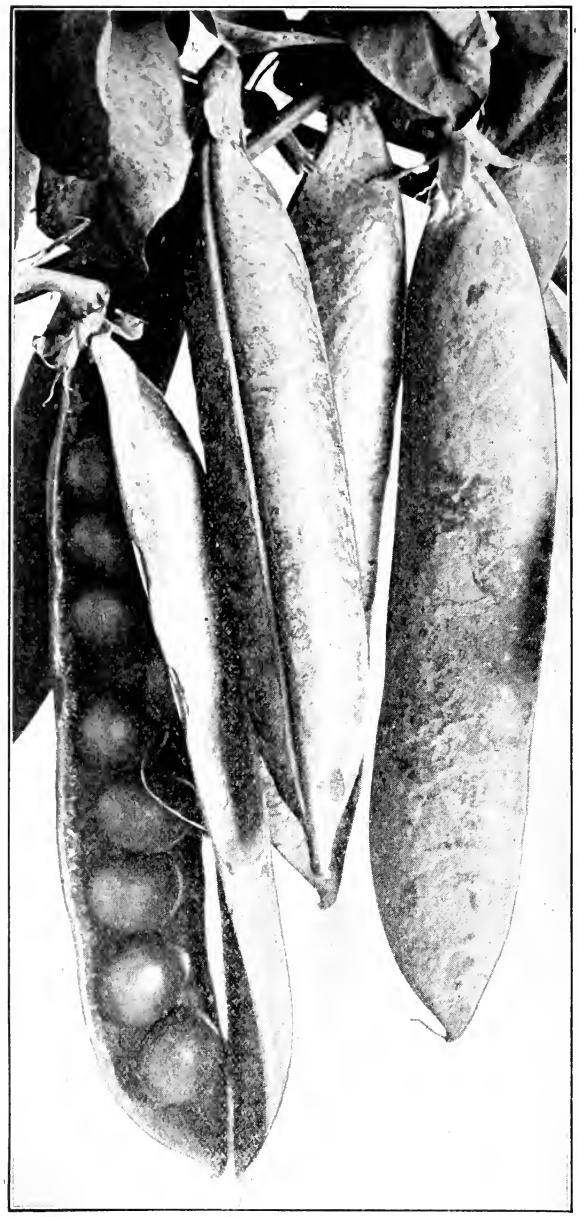
Pkt.	$0.10
Pint	.20
Quart	.35
4 quarts	1.15
¼ bus.	2.00

Little Marvel. As there are so many good Peas we hesitated adding another to our list, but this is of extra value; grows about fifteen inches high; pods average 2½ inches in length, well filled with six to seven large, deep green peas of excellent flavor.

Pkt.	$0.10
Pint	.20
Quart	.40
4 quarts	1.25
¼ bus.	2.00

Claudit. An extra early of great merit. Pods are large and dark green; peas also large and slightly wrinkled; excellent quality.

Pkt.	$0.10
Pint	.20
Quart	.35
Pk.	1.75



Laxtonian

PEAS—Continued

Sutton's Excelsior *This variety is a great improvement on the Nott's Excelsior.* It is earlier, pods and peas larger and vines growing about the same height, and has a much larger yield. This variety has stood the test for the last five years as a profitable Pea for the market gardener.

Pkt.	$0.10
Pint	.20
Quart	.35
4 quarts	1.25
¼ bus.	2.00

Thomas Laxton *The only rival of the famous Gradus. Extremely early, wrinkled Pea, long pod.* In some respects we consider it better than the Gradus; pods are of a deep rich green. Peas very sweet; deep green.

Pkt.	$0.10
Pint	.20
Quart	.40
4 quarts	1.50
¼ bus.	2.25

Surprise, or **Eclipse.** The earliest wrinkled Pea grown. Pods are medium size, well filled with peas and of excellent flavor.

Pkt.	$0.10
Pint	.20
Quart	.30
4 quarts	1.00
¼ bus.	1.75

Velocity. The earliest Pea grown, maturing about five days ahead of any other variety; grows about two feet high. Pods of good size for an extremely early Pea although not as large as other early varieties. Peas equal to any of the extra early varieties.

Pkt.	$0.10
Pint	.20
Quart	.35
4 quarts	1.15
¼ bus.	2.00

Second Early and Late Varieties

Abundance. Vines grow from three to three and one-half feet. Pods are of good size and well filled with large, wrinkled peas. Quality is excellent.

Pkt.	$0.10
Pint	.20
Quart	.30
4 quarts	1.00
¼ bus.	1.75

Alderman. A large-podded late, wrinkled variety of vigorous growth, 3½ to 4 feet high; very productive; pods 4 to 5 inches long, well filled with large peas of excellent flavor.

Pkt.	$0.10
Pint	.20
Quart	.35
4 quarts	1.25
¼ bus.	2.00

Black-Eye Marrowfat. The old standard variety for market and field culture. Smooth pea, black eye.

Pkt.	$0.10
Quart	.25
4 quarts	.85
¼ bus.	1.25

Boston Unrivaled. An improved strain of the Telephone type. Vines grow 4 to 5 feet high and are covered with fine large pods about 5 inches long, ¾ inch broad, and containing 7 to 8 extra large peas of the finest flavor.

Pkt.	$0.10
Pint	.20
Quart	.35
4 quarts	1.25
¼ bus.	2.50

Champion of England. Of the late varieties this is one of the very best and exceedingly productive. Grows four to five feet. Seed is green and wrinkled. Universally admitted to be one of the richest, best flavored peas grown.

Pkt.	$0.10
Pint	.20
Quart	.35
4 quarts	1.10
¼ bus.	2.00

Dwarf Champion Very similar to the Champion of England except in growth of vine, which is only about two and one-half feet in height. Pods are dark green, good size, and very prolific. Quality excellent.

Pkt.	$0.10
Pint	.20
Quart	.35
4 quarts	1.25
¼ bus.	2.00

Dwarf Telephone, or **Daisy.** Grows one and one-half or two feet in height, very stocky, heavy, vigorous vine; productive. Pods are long and remarkably well filled. Peas are large and wrinkled.

Pkt.	$0.10
Pint	.20
Quart	.35
4 quarts	1.25
¼ bus.	2.25

Dwarf Defiance (Sutton). Pods long, dark green, straight and well filled with large peas of excellent flavor. Very productive.

Pkt.	$0.10
Pint	.20
Quart	.35
4 quarts	1.10
¼ bus.	2.00

Duke of Albany (American Champion). Immense pods, with peas of superior flavor. 4 quarts $1.75

Pkt.	$0.10
Pint	.20
Quart	.30

Everbearing. Very prolific vine, growing two and one-half feet high. Pods two to three inches long, well filled with large peas of excellent quality. *For the private gardeners this is one of the best.*

Pkt.	$0.10
Pint	.20
Quart	.30
4 quarts	1.00
¼ bus.	1.75

French Canner, or **Petit.** Vines grow about three or four feet high and are very productive; extensively used for canning. Pods and peas are very small.

Pkt.	$0.10
Pint	.20
Quart	.30
4 quarts	1.00
¼ bus.	1.50

PEAS—Continued

Golden King. This new *golden-podded* Pea grows about four feet high; very vigorous, with bright green vines and foliage, bearing pods of a uniform shining deep golden-yellow color with eight to nine large green wrinkled peas of excellent quality.

Pkt.	$0.15
Pint	.25
Quart	.45
4 quarts	1.50

Heroine. A late, wrinkled Pea, strong growth. Vines branching freely and grow about two and one-half feet high. Pods are large and well filled.

Pkt.	$0.10
Pint	.20
Quart	.35
¼ bus.	1.75

Horsford's Market Garden. A wrinkled variety maturing with the McLean's Advancer. Vines are two feet high, prolific bearer. Peas, quality excellent.

Pkt.	$0.10
Pint	.20
Quart	.30
4 quarts	1.00
¼ bus.	1.75

Juno. Grows about two feet high and is a vigorous, strong grower. Pods very little curved, dark green and usually growing in pairs. Retain their attractive dark green color.

Pkt.	$0.10
Pint	.25
Quart	.40
4 quarts	1.40
¼ bus.	2.50

Large White Marrowfat. Grows about five feet high. Large pods well filled with large, white peas.

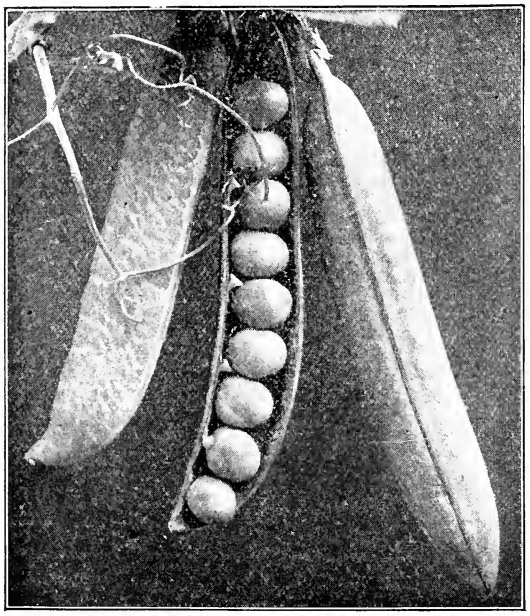
Pkt.	$0.10
Quart	.25
4 quarts	.90
¼ bus.	1.25

McLean's Advancer *For a second early Pea this excels all others, especially for ripening about July 4th;* very productive and excellent flavor. Grows about 2½ feet in height. Ripens immediately after the extra earlies; can be picked clean at two pickings.

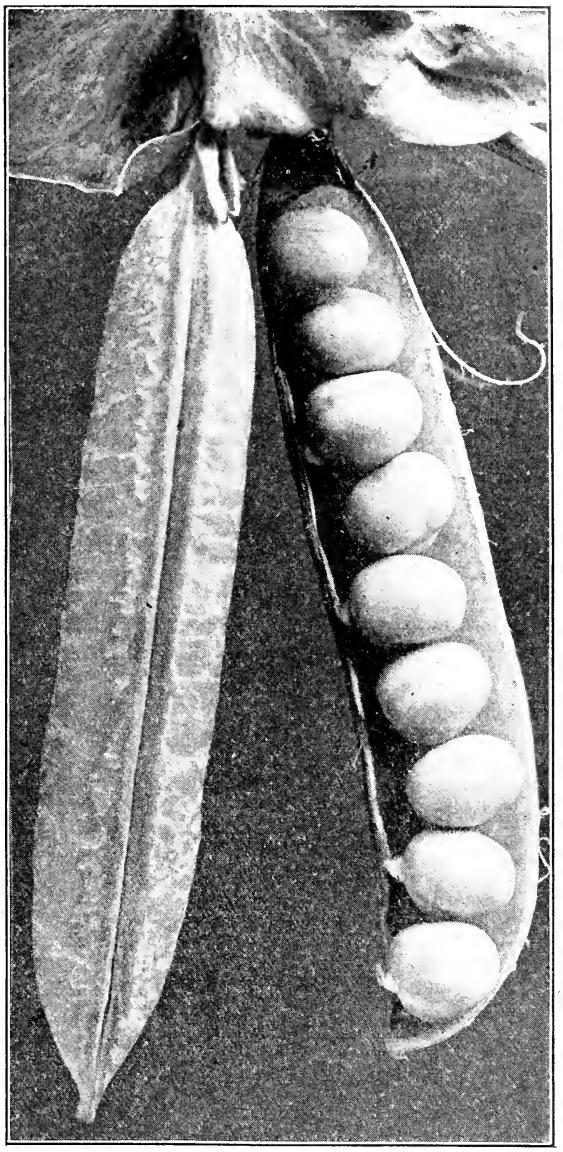
Pkt.	$0.10
Pint	.20
Quart	.30
4 quarts	1.00
¼ bus.	1.75

Stratagem Improved *It is a favorite with the market gardeners for a general crop* on account of the strong vines and large peas and pods. A heavy cropper. Vines are strong, vigorous and covered with large pods measuring nearly five and one-half inches in length. Peas wrinkled, vines very branching, often twenty pods to a vine; quality is excellent. Our stock has been carefully selected and will run remarkably true.

Pkt.	$0.10
Pint	.20
Quart	.35
4 quarts	1.10
¼ bus.	2.00



Improved Stratagem



Boston Unrivaled

Telephone A favorite of the extra large pods. Vines large, coarse leaves, height 4½ feet. Pods are large, filled with enormous peas of tender, sweet and excellent flavor.

Pkt.	$0.10
Pint	.20
Quart	.35
4 quarts	1.25
¼ bus.	2.25

EDIBLE-PODDED PEAS

Dwarf Gray Sugar. Vines grow about fifteen inches high with purplish blossoms; sugar peas are not shelled but pods are broken and cooked the same as string Beans.

Pkt.	$0.15
Pint	.20
Quart	.35
4 quarts	1.00
¼ bus.	1.75

Mammoth Melting Sugar. Vines grow about four feet high; very productive. Pods average 5 to 6 inches in length, and 1½ inches in width, broken and cooked same as string Beans.

Pkt.	$0.15
Pint	.25
Quart	.40
4 quarts	1.35
¼ bus.	2.50

For Field and Cow Peas for Fodder, see Farm Seeds, page 52.

Peppers (Pfeffer)

One ounce will produce about 2,000 plant.

CULTURE.—Sow in hotbed in March or April; transplant in open ground when all danger from frost is over, in rows three feet apart and two feet apart in a row. Seed can be sown outside late in May. Cover seed one-half inch and thin as above.

Cayenne (true). Pods are small, con-shaped and red. Used for pickling. Pkt. 5c., ½ oz. 15c., oz. 25c., 2 oz. 45c., ¼ lb. 75c.

Cherry Red. Small, smooth, round variety. Deep, glossy, scarlet color. Pkt. 5c., ½ oz. 15c., oz. 25c., 2 oz. 45c., ¼ lb. 75c.

Coral Gem. Small pods, shiny red color. Appear in clusters. Excellent for seasoning. Pkt. 5c., ½ oz. 20c., oz. 35c., 2 oz. 60c., ¼ lb. $1.00.

Celestial. Creamy white and scarlet when matured; prolific. Pkt. 5c., ½ oz. 15c., oz. 25c., 2 oz. 45c., ¼ lb. 75c.

Chinese Giant. Grows from four to five inches broad at the top and of about equal length, divided into four or more large ridges. Produces uniformly monstrous Peppers of thick, blocky form and a most brilliant, glossy color. Flesh is extremely smooth and unusually thick, making an excellent salad sliced like the Tomato. Pkt. 10c., ½ oz. 30c., oz. 50c., ¼ lb. $1.50.

Golden Dawn. Bright golden yellow color. Mild and sweet. Pkt. 5c., ½ oz. 15c., oz. 25c., 2 oz. 45c., ¼ lb. 75c.

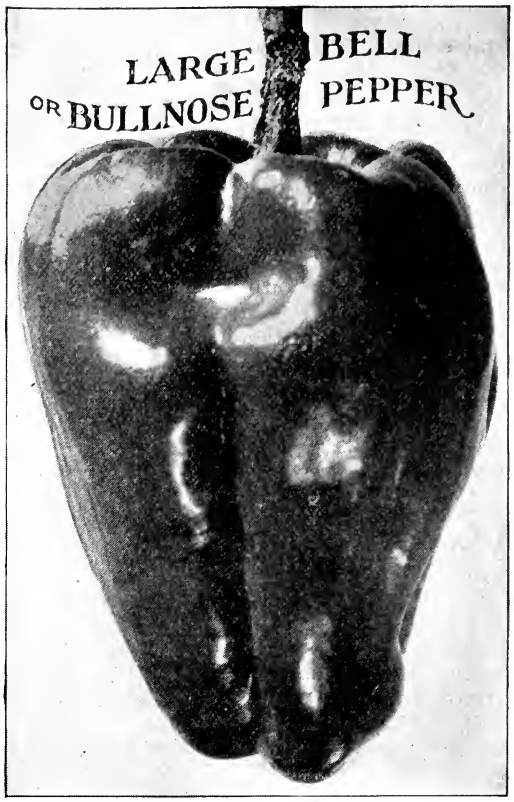
Italian, Sweet. Exceedingly mild flavor, in great demand in this vicinity. Grows six to seven inches in length, diameter about two or three inches at the base. Light green before turning red. Principal variety used in green state. Pkt. 10c., ½ oz. 15c., oz. 30c., 2 oz. 60c., ¼ lb. $1.00.

Large Bell. Very large sort. Flesh thick, hard and less pungent than most other varieties. Fruit sometimes three or four inches in length. Pkt. 5c., ½ oz. 15c., oz. 25c., ¼ lb. 75c.

Neapolitan. An excellent market variety on account of its earliness and productiveness; usually ripens two weeks earlier than the Bull-Nose. Fruit of large size, growing on a thick, stocky plant; flesh is quite thick and exceedingly smooth; color is light green changing to bright red when ripe. Pkt. 10c., ½ oz. 20c., oz. 35c., ¼ lb. $1.00.

Procopp's Giant. Very large; flesh thick, crisp and sharp. Pkt. 5c., ½ oz. 15c., oz. 25c., ¼ lb. 75c.

Ruby King. Large, scarlet fruit; flesh is thick, white and rather mild flavor. Especially fine for pickles. Pkt. 5c., ½ oz. 15c., oz. 25c., ¼ lb. 75c.



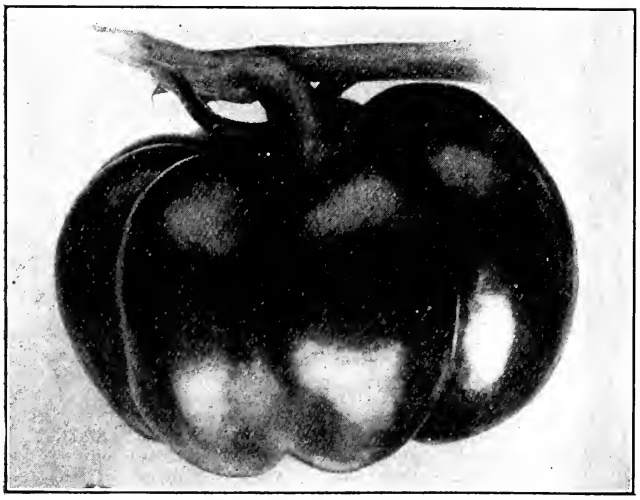
Sweet Mountain. Exceedingly large, very prolific and popular market variety. Plants vigorous and productive; fruit is large and smooth; flesh very thick. Pkt. 5c., ½ oz. 15c., oz. 25c., ¼ lb. 75c.

Squash, or Pickling. Extensively used in Boston markets; the most popular variety with the market gardener; very productive. Flesh very thick and fruit quite smooth and nearly round. Plants are quite dwarf and mature fruit ready for market earlier than most other varieties. We have table especial care in the selection of the fruit for seed of this variety. Pkt. 10c., ½ oz. 20c., oz. 30c., ¼ lb. $1.00, lb. $3.50.

Sweet Upright. Flesh bright scarlet, thick and sweet; of upright growth, as early as Bull-Nose and heavier. Pkt. 10c., ½ oz. 20c., oz. 35c., ¼ lb. $1.00.

Tabasco. Is of tall, bushy-like growth three or four feet in height; produces an enormous number of small, slender and very hot fruit one inch in length. Vivid scarlet in color. Plants should be started early in hotbeds in order for them to ripen in this latitude. Pkt. 10c., ½ oz. 25c., oz. 45c., ¼ lb. $1.25.

PEPPER PLANTS, ready in May and June. Doz. 25c.



SQUASH, OR TOMATO-SHAPED PEPPER

HIGHEST GRADE SEEDS

All our Vegetable and Flower Seeds are tested before we place them in the packages, and each year most of the vegetable seeds are grown to maturity in our trial grounds during the Summer that we may know just what the seeds we sell will produce. We know they will grow for they have all been tested as to germination before being placed on sale. We can give you the percentages of germination if you wish

POTATOES (Kartoffel)

Eight to ten bushels, or three to four barrels sufficient for one acre. One peck will plant 75 hills

Potatoes sent by express or freight, purchaser paying transit.

Our seed Potatoes are strictly Maine grown, we make a uniform price of ½ pk 30c., pk. 50c., bus. $1.60, bbl. $3.75, except where otherwise priced. Special price on large quantities.

CULTURE.—Any good soil will produce Potatoes, but quality is much improved when produced on good sandy loam. Make furrows of good depth, three feet apart, scatter a liberal dressing of fertilizer in the drill. Cover slightly with earth and upon this set the seed Potatoes in hills one and one-half feet apart. If a very early crop is desired, it will be necessary to sprout the Potatoes before planting. Cut the Potatoes in pieces of the size desired and place in a warm light room for four days before required for planting in the open ground.

Use Bordeaux mixture for blight and arsenate of lead for the Colorado bettle, or if, as is often the case both these conditions prevail, use the two in combination. We recommend Pyrox (Bowker's) for this purpose knowing it to be effective, and we believe it will also increase the crop and improve the quality.

Early Norwood. Excellent yielder, cooks perfectly white, dry and floury. The vines are of medium size, bushy and compact. Tubers are oval, white, with a pinkish tinge around the eye, which is not very large. Tubers running very uniform as to size, and practically all marketable. Its handsome appearance, perfect form and superb cooking qualities will readily recommend it to every grower.

Norcross. Originated in Maine; introducer says: "Seed-Boll grown on the Early Rose, pollenized by Beauty of Hebron; is white, smooth, good size, excellent quality and abundant yielder. A prize winner." Pk. 50c., bus. $1.75, bbl. $4.00.

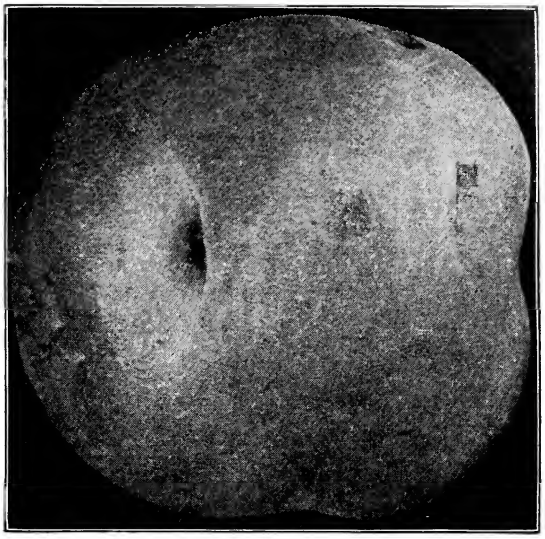
Beauty of Hebron. Pure white with flesh-colored skin; an excellent variety for late planting, produces well on most soils, and one of the best sorts for keeping. When cooked it is dry and mealy.

Bovee. Early and productive. Flesh is white; good size and and fine quality.

Carman No. 3. Vines strong and vigorous. Eyes shallow and few in number. Skin flesh white.

Delaware. Vines are strong and vigorous; tubers are large, smooth, white and excellent quality.

Early Beauty of Hebron. Grows to a good size; of excellent quality; very productive and fine keeper.



Early Ohio Potato

Early Fortune. One of the earliest. Tubers oblong and flesh white.

Early Norther. An excellent early variety resembling the Early Rose in shape and color.

Early Norwood. One of the extra earlies. A good yielder, resembling the Early Rose in color, but a little broader in shape.

Early Rose. The standard variety for general use, and one of the best early varieties.

Early Ohio. One of the extra early varieties, round and smooth. Skin flesh color.

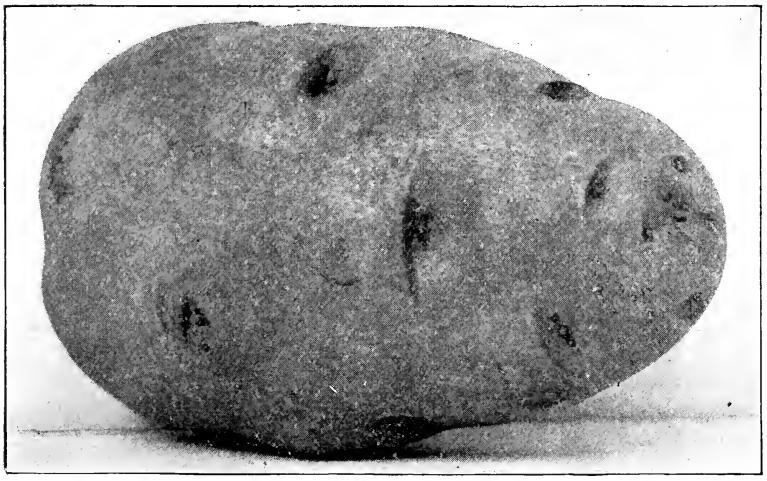
Green Mountain. Vines are strong and vigorous. Both skin and flesh extremely white; good yielder. One of the best general crop Potatoes and a fine keeper.

Irish Cobbler. An excellent variety for light soils, producing a larger yield than most varieties when used on a light soil. The Potato is white and of medium size.

New Queen. Resembles the Beauty of Hebron. Flesh white; very productive.

Uncle Sam. Is a medium late. Large yielder; good size, and cooks white and dry.

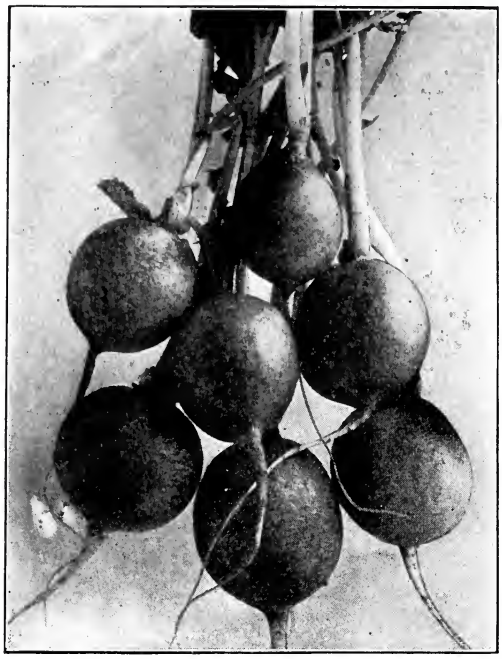
Vermont Gold Coin. The vines are strong and vigorous, and the tubers are deeply set in the ground well adapted to loose soils and muck land, the tubers are large, color white with a slight streak of pink; of fine quality; very dry and mealy.



Early Norther Potato

Sweet Potatoes

Yellow Nansemond. Will grow in quite ordinary soil with a light coat of manure and yield a large crop. If on good soil they will produce many specimens weighing from three to five pounds each. As this is an early variety it is well adapted for cultivation in the Northern States. Started by slips only. Price of slips by mail, per doz. 25c., per 100 75c.



Scarlet Globe Radish

Radish (Rabies und Rettig)

One ounce will sow about 100 feet of drill.

CULTURE.—Sow in the open ground as soon as it can be worked, at intervals of ten days for a succession as long as wanted. Sow in hotbed or greenhouse in Winter. The Winter varieties should be sown in August and lifted before severe frost. As their tender and mild qualities depend on rapid growth, the soil should be rich, light and mellow.

Arlington Long Scarlet. This is unexcelled for a long Radish. A favorite on the market on account of its beautiful appearance and fine flavor. Pkt. 5c., oz. 10c., ¼ lb. 25c., lb. 75c.

Crimson Giant Forcing. This variety will grow a medium size as quickly as any; it also remains crisp, firm and solid until double the size of others. Pkt. 5c., oz. 10c., ¼ lb. 25c., lb. 75c.

Early Scarlet Globe

For a forcing Radish this has been at the head of the list, being the best shape, brightest scarlet, most uniform and short top. Tender and crisp. Pkt. 5c., oz. 10c., ¼ lb. 25c., lb. 75c.

Early Scarlet Turnip. Small top, quick growth, mild and crisp. Excellent for forcing. Pkt. 5c., oz. 10c., ¼ lb. 25c., lb. 75c.

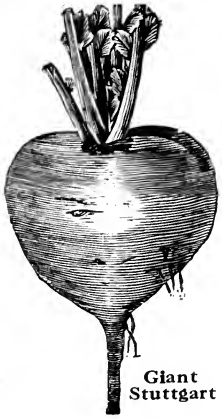
Early Scarlet Turnip White Tip. Very deep scarlet, with white tip. Its excellent appearance makes it a favorite in the market. Pkt. 5c., oz. 10c., ¼ lb. 25c., lb. 75c.

Early White Turnip. Like the scarlet in shape, but color is white. Pkt. 5c., oz. 10c., ¼ lb. 25c., lb. 75c.

French Breakfast. A popular, quick growing variety; excellent for forcing. Oval form, scarlet, tipped with white. Pkt. 5c., oz. 10c., ¼ lb. 25c., lb. 75c.

Giant White Stuttgart

Early, quick growing. In five to eight weeks after being sown will produce extra large roots. If sown in July or August for a late sort, will be ready in October. A good keeper for Fall and early Winter. Pkt. 5c., oz. 15c., ¼ lb. 30c., lb. $1.00.



Giant Stuttgart

Giant White Strasburg. Roots pure white, oblong and mild flavor. Pkt. 5c., oz. 10c., ¼ lb. 25c., lb. 75c.

Icicle. Grows three to four inches long; matures in twenty-five days after sowing. Is the most transparent of any Radish. Pkt. 5c., oz. 10c., ¼ lb. 30c., lb. $1.00.

Long Brightest Scarlet. Very bright scarlet, medium long with white tip. Pkt. 5c., oz. 10c., ¼ lb. 25c., lb. 75c.

Ne Plus Ultra, or **Twenty-Day Forcing.** Earliest of all Radishes for forcing, being ready for the table in three weeks. Roots are round and bright scarlet. Pkt. 5c., oz. 10c., ¼ lb. 30c., lb. $1.00.

Scarlet, Twenty-Day Forcing. Short leaves, very early and brilliant red. Excellent for frames. Pkt. 5c., oz. 10c., ¼ lb. 25c., lb. 75c.

Wood's Early Frame. Similar to the Long Scarlet, only not as long and a more brilliant color. Excellent for forcing. Pkt. 5c., oz. 10c., ¼ lb. 25c., lb. 75c.

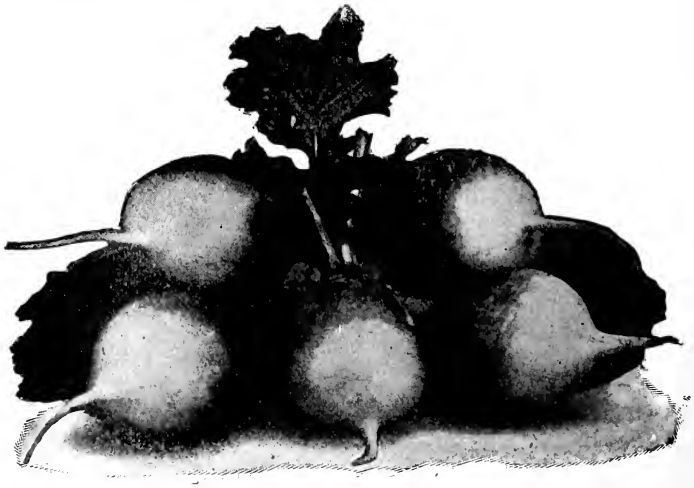
Winter Varieties

California, Mammoth White. Grows a large size; flesh is white, firm and good flavor. Pkt. 5c., oz. 10c., ¼ lb. 25c., lb. 75c.

Long Black Spanish. Very large size, firm texture, and should be stored in sand for Winter use. Pkt. 5c., oz. 10c., ¼ lb. 25c., lb. 75c.

Round Black Spanish. Similar to above, only round. Pkt. 5c., oz. 10c., ¼ lb. 25c., lb. 75c.

Rose-Colored China. Of rose color, flesh firm. Rather conical in shape, very smooth. Pkt. 5c., oz. 10c., ¼ lb. 25c., lb. 75c.



Radish, Scarlet Turnip, White Tip

Rhubarb (Rhabarber)

CULTURE.—This plant is mostly propagated by division of the roots. The best time to set out the plants is early in the Spring, although it is sometimes done in Autumn. Make furrows of good depth, 3 to 4 feet apart, according to the variety planted; across these furrows, at right angles, make others the same distance apart; at each intersection put three or four shovelfuls of good manure, and upon this set the plants. Any good soil will suit Rhubarb; but to obtain heavy crops, good soil well manured is indispensable. A piece of root with a single bud, or eye, is enough for each hill. Cultivate during Summer, but do not pull any stalks the first year. Late in Autumn cover each plant with a good shovelful of manure, and plough a furrow against each side of the rows; this protection will assist the earliness of the crop. In early Spring level the ground, working in the manure with a fork. Plants can be obtained from seed, which may be sown in a hotbed in March, and the plants set out about the middle of May. It takes longer, however, to obtain a crop from seedling plants than from roots.

Linnæus. The earliest and best for garden use; not so coarse and fibrous as the larger sorts. Pkt. 5c., oz. 30c., ¼ lb. 75c.

Victoria. The variety in general use for the market; yields immense crops. Pkt. 5c., oz. 30c., ¼ lb. 75c.

Rhubarb Roots. Each 15c., doz. $1.50 (buyer paying transit).

SALSIFY

Salsify, or Oyster Plant

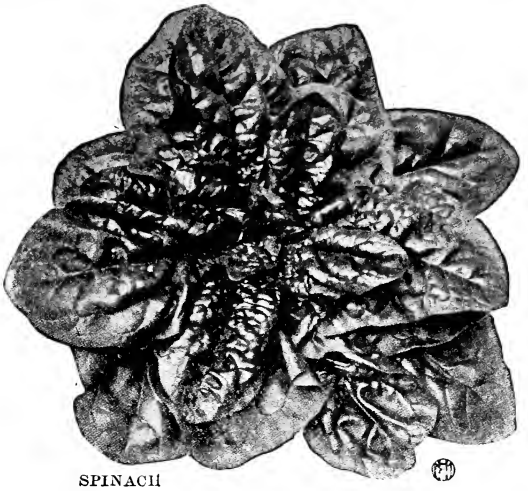
One ounce will sow 50 feet of drill.

CULTURE.—Sow the seed early in Spring in rows twelve inches apart and one deep; thin plants to four inches apart in row. For Winter use dig and place in cellar in boxes; cover roots with sand or soil. If left in ground till Spring, dig as early as possible. A deep, sandy soil is the best for good results.

Sandwich Island Mammoth. An excellent variety. Very smooth, fine quality, white, and grows double the size of the Long White. Pkt. 10c., oz. 20c., 2 oz. 25c., ¼ lb. 50c., lb. $1.50.

Scorzonera, Black Salsify

Cultivate similar to Salsify; it is cooked in the same manner. It is not as easily raised, and for this reason is not seen as often in the market. Considered by many superior to Salsify. It is also called Black Salsify. Pkt. 10c., oz. 20c., ¼ lb. 60c., lb. $2.00.



SPINACH

Spinach (Spinat)

One ounce will sow 50 feet of drill. Twelve to sixteen pounds will sow an acre.

CULTURE.—Spinach may be grown on any ordinary soil, and its cultivation is a very simple matter. It is grown both as a Spring and Summer crop. For early use, sow in August or September, in drills 12 to 14 inches apart. At the approach of cold weather cover lightly with straw, or any handy litter. Uncover when the plants begin to make a new growth in Spring. For Summer use, sow early in Spring, in the same way as above, using rather less seed. If the plants stand too thick, thin to 3 or 4 inches apart. A liberal dressing of good manure should be used. The land can hardly be made too rich.

All Season. A superb variety for planting in rotation all Summer long. It does not send up its flower stem and bear seed the same as the early varieties which are easily affected by hot weather. While most sorts of Spinach are usually grown for Fall and Spring crops, this excellent variety may be used through the Summer months with satisfactory results. The leaves are thick and tender, and quite crumpled. Pkt. 5c., oz. 10c., ¼ lb. 20c., lb. 50c.

Long Standing. Desirable on account of not running to seed as some varieties do. Excellent for Spring use. Pkt. 5c., oz. 10c., ¼ lb. 15c., lb. 40c.

New Zealand. Grows large and luxuriant in warm, rich soil, and produces a large quantity of leaves during the Summer. Pkt. 5c., oz. 15c., ¼ lb. 30c., lb. $1.00.

Prickly, or **Fall.** Seed is prickly and triangular; oblong, arrow-shaped leaves. Especially useful for Fall sowing. Pkt. 5c., oz. 10c., ¼ lb. 15c., lb. 40c.

Round Crumpled Leaf. It is the market gardener's favorite for either Fall or Spring sowing. Produces large, thick, dark green leaves, somewhat crumpled, and has the quality of standing a long time. Our strain of this superb Spinach is unexcelled and perfectly hardy; and without doubt the finest strain of Spinach for Fall or Spring planting. Pkt. 5c., oz. 10c., ¼ lb. 15c., lb. 35c.

Savoy Leaf, Bloomsdale. Very hardy, exceedingly popular. Productive, tender and excellent quality. Pkt. 5c., oz. 10c., ¼ lb. 15c., lb. 40c.

Triumph. Very hardy, large, thick, fleshy dark green leaves; excellent for Summer use. Pkt. 10c., oz. 15c., ¼ lb. 40c., lb. 60c.

Victoria. Later than other varieties; remarkably fine texture. Dark green, heavy, crimped, fleshy leaves. Pkt. 5c., oz. 10c., ¼ lb. 15c., lb. 35c.

SQUASH (Speise Kürbiz)

Early varieties, one ounce sufficient for 50 hills. Late varieties, ounce for 20 hills; four to six pounds to acre

CULTURE.—Before you plant squash the ground must be warm and settled, the soil light and highly manured. Summer varieties should be planted from four to six feet apart each way in the hills, pressing the seed down firmly one inch deep. Late varieties in hills eight feet apart, covering the seed about one and one-half inch deep. Slug Shot or plaster will keep the bugs off.

Early Summer Varieties

Arlington Summer Crookneck. Is early, extra large size and rather straight neck, and much larger than the ordinary Crookneck. Grows from fifteen to eighteen inches long and of the finest quality. Their handsome appearance commands *an extra price in the market* and is a favorite Summer Crookneck with the market gardeners. Pkt. 10c., oz. 15c., ¼ lb. 35c., lb. $1.00.

Cocozell Bush. Fine quality. Oblong, with smooth skin; mottled dark green and yellow. Pkt. 5c., oz. 10c., ¼ lb. 30c., lb. $1.00.

Early Summer Crookneck. Small, crooknecked Summer squash. Skin bright yellow, somewhat warted. Very early and quite productive. Pkt. 5c., oz. 10c., ¼ lb. 25c., lb. 75c.

Early White Crookneck. Similar in shape to above, only much larger and skin is a creamy white. Pkt. 5c., oz. 10c., ¼ lb. 25c., lb. 75c.

Early White Bush Scallop, or **Pattypan.** Matures the earliest of any; very productive, light creamy color and scallop shaped. Pkt. 5c., oz. 10c., ¼ lb. 25c., lb. 75c.

Mammoth Bush Scallop. A selection from the ordinary variety, which it resembles with the exception of being larger; equally early. Pkt. 5c., oz. 10c., ¼ lb. 30c., lb. $1.00.

Yellow Bush Scallop. The only difference between this and the other varieties is that it is colored a deep yellow. Pkt. 5c., oz. 10c., ¼ lb. 25c., lb. 75c.

Fall and Winter Varieties

Bay State. Its chief points of merit are its hard shell, dryness of grain and sweetness of flavor. Its hard shell gives the assurance of being a good keeper. Is green; flesh bright golden yellow and finely flavored. A large yielder. Pkt. 5c., oz. 10c., ¼ lb. 30c., lb. $1.00.

Boston Marrow. An early Fall sort of oval form; Skin thin, and when ripe a light orange color. Good size, excellent keeper. Pkt. 5c., oz. 10c., ¼ lb. 25c., lb. 75c.

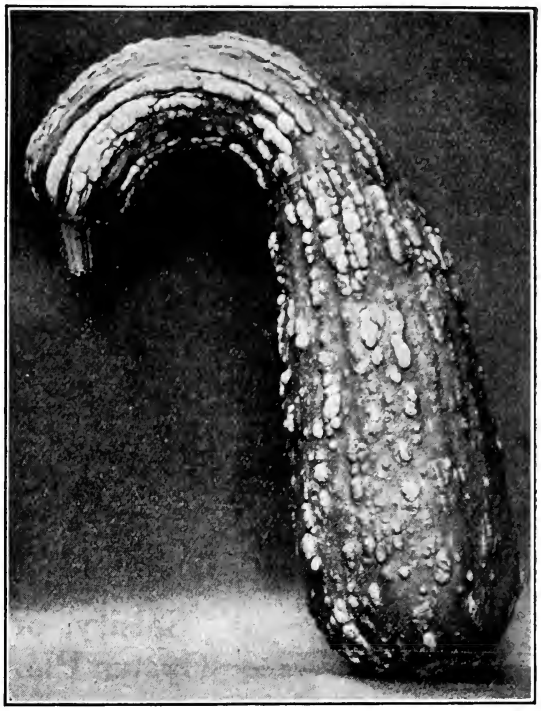
Delicious. For table use no squash compares with it in its remarkable combination of fineness, compactness of grain, dryness, sweetness and exceeding rich flavor. Its color is almost uniformly green in shade. Weighs from five to ten pounds. Pkt. 5c., oz. 15c., ¼ lb. 40c., lb. $1.25.

Delicata. Early, very prolific; orange colored splashed and striped with very dark green. Pkt. 5c., oz. 10c., ¼ lb. 30c., lb. $1.00.

Essex Hybrid. Its shape is very distinct from other varieties, having on the blossom end a small cap-shaped enlargement. Flesh is dry, sweet and thick, bright orange color. One of the best for keeping. Pkt. 5c., oz. 10c., ¼ lb. 30c., lb. $1.00.

Faxon. Squashes vary in color, some being pale green mottled and faintly striped. Excellent flavor. Pkt. 5c., oz. 10c., ¼ lb. 30c., lb. $1.00.

Fordhook. Squashes are small and cream color, flesh is dry, sweet and one of the best in quality. Keeps throughout the Winter. Pkt. 5c., oz. 15c., ¼ lb. 40c., lb. $1.25.



ARLINGTON SUMMER CROOKNECK SQUASH

Golden Bronze. Very similar in form to the Prolific Marrow. Color is dark grayish green; flesh bright yellow. Fine grain, sweet, delicious flavor. Pkt. 5c., oz. 10c., ¼ lb. 30c., lb. $1.00.

Golden Hubbard. Similar to the old variety of Hubbard except in color, which is reddish yellow. Pkt. 5c., oz. 10c., ¼ lb. 30c., lb. $1.00.

Hubbard. The most popular of all Winter varieties; an excellent keeper. Is of large size, often weighing from nine to twenty pounds. Color bluish green occasionally marked with a brownish orange. Flesh is fine grain, dry and excellent flavor. Pkt. 5c., oz. 10c., ¼ lb. 30c., lb. $1.00.

Hubbard, Warted. It grows larger than the old variety; dark green and covered with warts. Pkt. 5c., oz. 10c., ¼ lb. 30c., lb. $1.00.

Mammoth Chili. Is round, flattened at both the stem and blossom ends. Outer color is rich golden yellow. It is the largest of the squash family. Pkt. 10c., oz. 20c., ¼ lb. 50c., lb. $1.75.

Marblehead. Skin is very light bluish green. Flesh is of light color and very dry. Pkt. 5c., oz. 10c., ¼ lb. 25c., lb. 75c.

Prolific, or **Orange Marrow.** *For an early Fall squash* there is no squash that can compare with this in *earliness and productiveness,* which *are important features with the market gardener.* Brilliant orange red color, which makes it attractive in the market. Pkt. 5c., oz. 10c., ¼ lb. 30c., lb. $1.00.

Victor. Rich orange yellow. Fall and Winter variety. Hard shell, thickly covered with warts; very thick, solid flesh. Fine yielder. Pkt. 5c., oz. 10c., ¼ lb. 30c., lb. $1.00.

Warren. A fine Turban Squash similar to Essex Hybrid, but much deeper in color. Pkt. 5c., oz. 10c., ¼ lb. 30c., lb. $1.00.

Winter Crookneck. An old, well-known variety; one of the longest keepers; often will keep until the crop is gathered the following year. Pkt. 5c., oz. 10c., ¼ lb. 25c., lb. 75c.

Vegetable Marrow. A favorite English sort. Is early and skin greenish yellow; flesh white and rich flavor. Pkt. 5c., oz. 10c., ¼ lb. 30c., lb. $1.00.

TOMATO (Liebes-Apfel)

One ounce will produce about 2,000 plants.

CULTURE.—Of Tomatoes the varieties are numerous, some of them being very distinctive. However, there are many sorts of the large red varieties annually introduced and represented as being superior to all others, which, as a rule, do not show variation enough to be classed as distinct varieties. The seed may be sown in hotbeds, with good bottom heat, in February or March; and, when the plants are 2 or 3 inches high, transplant into other frames about 4 or 5 inches apart each way, or boxes or single pots which are to remain in the frames. Set the plants out in open ground, not earlier than the last week in May or first week in June. Being very tender, they will not bear the least frost. Choose a light, sandy, or gravelly loam, in a well-sheltered situation, and with a southern exposure if possible, as early fruit is desirable. In such a location the plants may be set about 4 feet apart each way, using a large shovelful of well-rotted manure in each hill. On rich soils but little, if any, manure is necessary; and the plants will need to stand about 6 feet apart each way.

Price on all varieties of Tomato: Pkt. 5c., ½ oz. 20c., oz. 30c., ¼ lb. 85c., unless otherwise stated.

Extra Early Varieties

Atlantic Prize. One of the favorite extra early varieties. Fruit is red. Very solid, fine quality.

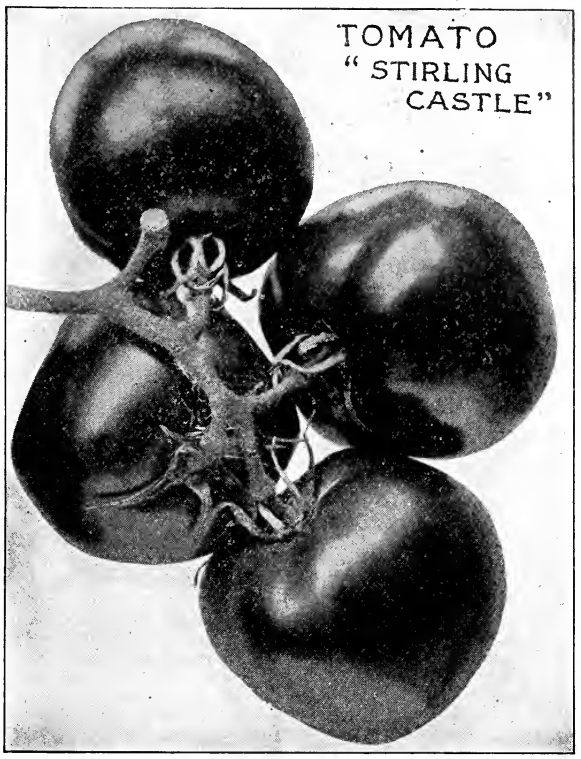
Bonny Best. Early Tomato. It has been tested and found ten days earlier than the Chalk's Early Jewel and ripens with the Earliana. Strong grower, very productive, ripens evenly all over, excellent shipper. Pkt. 10c., ½ oz. 25c., 1 oz. 40c., ¼ lb. $1.25, lb. $4.00.

Belmont. An extra early variety, quite popular in the Boston markets. Good size, smooth, bright red color. Pkt. 10c., ½ oz. 20c., oz. 30c., ¼ lb. $1.00.

Chalk's Early Jewel. The earliest of the bright scarlet colored. Deep fruited and very hardy and solid. Pkt. 10c., ½ oz. 25c., oz. 40c., ¼ lb. $1.10.

Earliana. It is remarkable for its size and its earliness. Good form and wonderfully productive. A red color which is in demand in some markets.

CORELESS TOMATO



Forcing Varieties

Best of All. Fruit is produced in bunches and very solid. Is a strong grower; a superior forcing variety. Pkt. 10c., ½ oz. 25c., oz. 40c., ¼ lb. $1.10.

Comet. *This variety is a favorite for forcing;* just the size wanted (round); color rich scarlet red, very smooth, fruit set in bunches and in great abundance. Everything is in its favor for a forcing tomato. Pkt. 15c., ½ oz. 40c., oz. 75c., ¼ lb. $2.00.

Stirling Castle. A superior forcing variety. Is an exceedingly heavy cropper, medium size, smooth, round and red color. This variety is one of the best European sorts and our seed is all imported. Pkt. 25c., ½ oz. $1.00, oz. $1.50.

Lorillard. One of the standard sorts for forcing under glass. Its red color, flavor, solidity and prolific bearing are its chief merits. Pkt. 10c., ½ oz. 20c., oz. 30c., ¼ lb. $1.00.

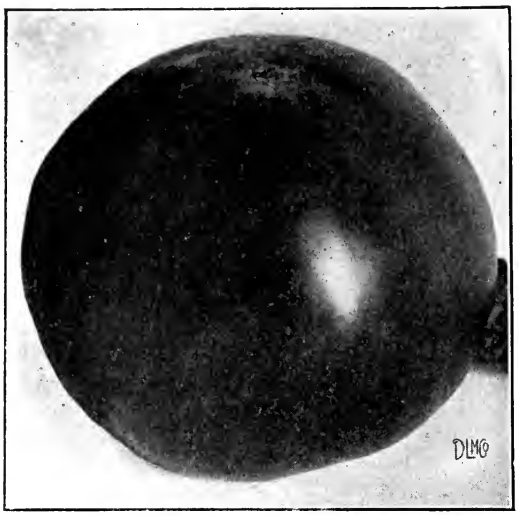
General Crop

Acme. Dark red color tinged purple. Good flavor.

Aristocrat. Growth and foliage resemble the Dwarf Champion, being very dwarf and stocky. Fruit rich, glossy red.

Beauty. Very solid, with tough skin, making it very desirable for shipping. Color is pink. Is one of the most popular where the market demands this color.

Coreless. This is such an excellent variety we feel we should make special mention of The Coreless as the most perfect shaped canning variety. Large size, globe-shaped, full at stem end, bright red, a strong grower and big cropper; always free from green core; ripens all over and through; excellent for slicing. Pkt. 10c., ½ oz. 35c., 1 oz. 60c., ¼ lb. $2.00.



STONE TOMATO

TOMATOES—Continued

Dwarf Champion. It is peculiar in its manner of growth, being upright, quite dwarf, with firm, short stem joints, which make it self-supporting. Fruit is red with a pinkish tinge, medium size, good quality. On account of its compact habit, plants may be grown closer together than other varieties.

Dwarf Stone. Excellent for home use. Its habit resembles the Dwarf Champion; fruit is color and shape of the Stone. Smooth, solid, bright red and very prolific; excellent quality.

Essex Early Hybrid. Fruit early, large size; solid, very smooth, bright purplish crimson color.

Favorite. Early variety, large size fruit; is of dark red color. Very popular market variety.

Golden Queen. Fruit is yellow. Its handsome yellow slices make a beautiful contrast in a dish with the red tomatoes.

Honor Bright. Entirely different from other varieties. In ripening first color is light green, then waxy white changing to red. One of the longest keepers; excellent quality.

Ignotum. Is large, smooth, very solid, deep red.

Imperial. A strong grower, very prolific. Bright red color, changing to a pinkish purple when ripe.

Magnus. Large, smooth, pinkish. Very strong grower.

New Globe. Good size, smooth, firm flesh, very few seeds. Dark red color tinged with purple.

Paragon. Large, bright crimson, excellent flavor.

Perfection. Excellent for general crop. Smooth, round, blood red in color, very solid, good yielder.

Red Cross. A superior variety of our own introduction. Of medium size, quite early, bright scarlet color, very solid, excellent flavor and very productive. One of the most reliable varieties in cultivation either for the family garden or for market. Pkt. 10c., oz. 40c., ¼ lb. $1.00.

Ponderosa. Largest of all Tomatoes. Single specimens often growing to weigh from one and one-half to two pounds. Good flavor. Pkt. 10c., ½ oz. 25c., oz. 40c., ¼ lb. $1.25.

Puritan. *Excellent for general crop.* Large, smooth, bright red, very prolific. It seldom cracks, is very firm and the color makes it attractive for the market gardener. Pkt. 10c., ½ oz. 20c., oz. 35c., ¼ lb. $1.00.

Royal Red. Skin and flesh intense red. Excellent for market purposes.

Stone. *A great favorite with the market gardeners* for the main crop. Is very large, bright scarlet, color smooth, and excellent shipper. Always in demand.

Trophy. Fruit is very large, smooth and solid.

Small Fruited Varieties for Preserving and Decoration

Pkt. 5c., ½ oz. 15c., oz. 25c., ¼ lb. 75c.

Pear Shape, or **Fig.** Fruit is yellow.

Red Cherry. Small, red, borne in clusters.

Strawberry, or **Ground Cherry.** Fruit is yellow; grows in husks; excellent for preserves.

Yellow Peach. Fruit is yellow, peach shape.

Yellow Plum. Lemon color, oval, smooth.

Red Plum. Similar to above only red.

Red Currant. Quite small.

Tomato Plants

We make a specialty of growing Tomato plants at our Arlington greenhouses, and can furnish the following varieties after May 10 in fine, strong, stocky plants.

Plants sent by express only, purchaser paying transit.

POT-GROWN

50c. per doz., $3.00 per 100.

Comet, Chalk's Early Jewel, Golden Queen, Earliana. Perfection, Rawson's Puritan, Dwarf Stone, Stone, Ponderosa and **Coreless.**

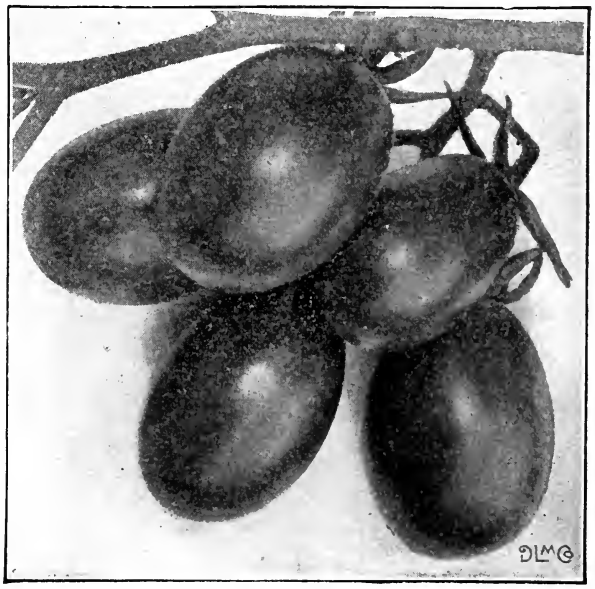
SMALL FRUITED VARIETIES

Yellow Plum, Red Cherry, Strawberry, Pear Shaped.

BOX-GROWN, or FROM BEDS

25c., per doz., $2.00 per 100, $18.00 per 1000.

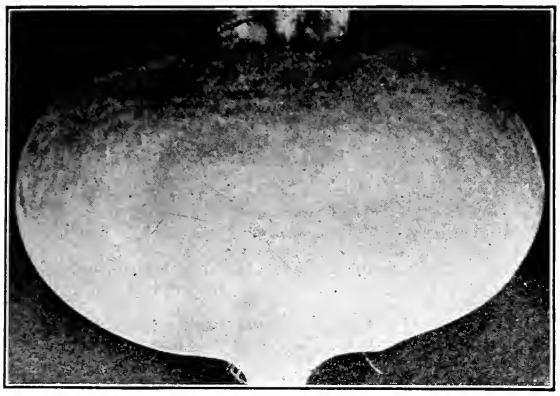
Belmont, Dwarf Stone, Dwarf Champion, Earliana, Perfection, Rawson's Puritan and **The Stone.**



YELLOW PLUM

Turnips (Rübe)

One ounce will sow 100 feet of drill; one pound will sow an acre.



Turnip, Purple Top Strap Leaf

CULTURE.—A light soil is the best upon which to grow Turnips. The flat or English varieties are extensively used as a late crop, and may be made to follow almost any other early crop. Fall Turnips may be sown from July 1 till about September 10, or, in favorable seasons, even later. These varieties are also used for early crops, the seed being sown in April.

Prices on all varieties of Turnips: Pkt. 5c., oz. 10c., ¼ lb. 25c., lb. 60c., unless otherwise stated.

White Flesh Varieties

Cowhorn. Rapid grower, long and Carrot shaped. Largely cultivated for feeding stock.

Budlong's Improved, or **Breadstone.** Half-long in shape; white, mild flavor. An excellent keeper. Pkt. 5c., oz. 10c., ¼ lb. 25c., lb. 70c.

Extra Early Milan. **Purple Top.** *This is the earliest Turnip grown.* A flat, strapped leaf variety with white flesh. Skin white under ground; purplish red above. Two weeks earlier than other varieties. Pkt. 5c., oz. 10c., ¼ lb. 30c., lb. $1.00.

Extra Early White Milan. The earliest white top Turnip. Same shape and size and equally as early as above. Has white top. Pkt. 5c., oz. 10c., ¼ lb. 30c., lb. $1.00.

Early Snowball. Of medium size, round, pure white. Excellent flavor.

Purple Top White Globe. An early variety very much in favor with the market gardeners. Of globe shape, heavy cropper; skin white with purplish top.

Purple Top Strap Leaf, or **Early Red Top.** Quick grower, flesh is very fine grain, sweet flavor; white with purple top. More generally used than any other variety, both for market and for stock. ¼ lb. 20c., lb. 50c.

Sweet German. This variety should be sown at least a month earlier than the early flat Turnips. Flesh is white, firm, sweet and keeps well into the Winter. Pkt. 5c., oz. 10c., ¼ lb. 25c., lb. 75c.

White Egg. Is of egg shape and very rapid grower; thin white skin. Solid, firm, fine grain flesh. Grows good size. Excellent for early or late keeping in the Fall. Pkt. 5c., oz. 10c., ¼ lb. 25c., lb. 75c.

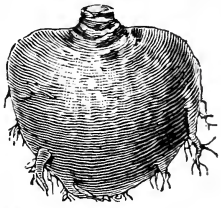
White Strap Leaf. Similar to the purple top strap leaf only in color which is white.

Yellow Flesh Varieties

Large Yellow Globe, or **Yellow Stone.** Color is pale yellow with greenish top. Globular shape. Excellent for general crop and table use.

Robertson's Golden Ball. Round, deep yellow color, medium size, very firm, hard and excellent flavor. A superior table variety.

Yellow Aberdeen, Purple Top. Bulbs globular form; deep yellow below ground, reddish purple above. Has a small tap root. Very solid and good quality.



SWEET GERMAN TURNIP

Rutabaga SWEDISH or RUSSIAN TURNIP

CULTURE.—The Swedish or Rutabaga varieties should be sown in drills 15 to 18 inches apart, at any time from June 1 to the middle of July, using about one pound of seed per acre. The plants should be thinned to about 6 or 8 inches apart.

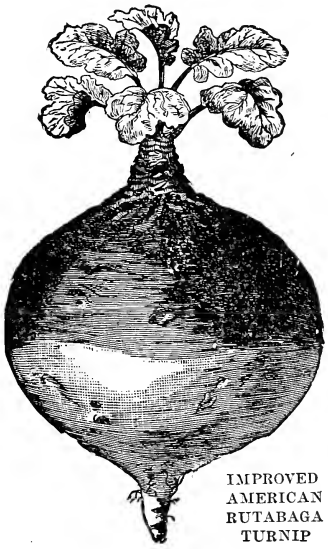
American Purple Top. **Improved.** *Market gardener's favorite.* More largely grown than any other variety. Yellow flesh, solid and fine quality. One of the very best keepers.

Large White French. Flesh is white, solid, mild and sweet. Excellent Winter variety.

Shamrock Yellow Swede. Largely grown for market and home use. Yellow flesh, solid, good keeper.

St. Andrew's. A popular variety in Boston markets. Flesh yellow with purple top.

Tennoji. Japanese variety. This is a large Turnip grown in Japan. Our seed is all imported. Pkt. 10c., oz. 15c., ¼ lb. 50c., lb. $1.50.



IMPROVED AMERICAN RUTABAGA TURNIP

Tobacco

CULTURE.—Sow in hotbed for early planting or sow in the open ground as soon as the ground is warm. Sow broadcast in rich, dry soil, pressing down firmly and cover lightly; water frequently. Set plants out first of June three feet apart each way in land heavily manured.

Connecticut Seed Leaf. Saved from selected plants. Pkt. 10c., oz. 30c., ¼ lb. $1.00, lb. $3.00.

Havana. Imported seed. Pkt. 10c., oz. 40c., ¼ lb. $1.25.

Sweet, Medicinal and Pot Herbs

CULTURE.—For early use sow seed in hotbed in March, or open ground in May, in rows one foot apart. Cover very lightly and thin out when large enough to six or eight inches in row. They should be cut on a dry day, before they come into full blossom. Tie in bunches and keep where they will dry quickly.

Anise (*Pimpinella anisum*). Hardy annual, used for garnishing and seasoning. Pkt. 5c., oz. 10c.

Balm (*Melissa officinalis*). Used as a drink for the sick and for culinary purposes. Pkt. 5c., oz. 20c.

Basil, Sweet (*Ocymum basilicum*). Seeds sown in April, indoors, in rich, light soil, and in beds in June. Pkt. 5c., oz. 20c.

Bene (*Sesamum orientale*). Extensively grown for the oil contained in its seeds. Pkt. 5c., oz. 15c.

Borage (*Borago officinalis*). Used for flavoring, and flowers furnish bee pasture. Pkt. 5c., oz. 15c.

Caraway (*Carum carui*). Grown for the seeds, which are used in flavoring. Pkt. 5c., oz. 10c.

Catnip, or **Catmint** (*Nepeta cataria*). Used for medicinal purposes. Pkt. 10c., oz. 30c.

Coriander (*Coriandum sativum*). Young leaves used in soups and salads. Seeds in confectionery and for flavoring. Pkt. 5c., oz. 10c.

Dill (*Anethum graveolens*). Leaves used for flavoring. Pkt. 5c., oz. 10c., ¼ lb. 25c., lb. 60c.

Fennel, Sweet (*Anethum fœniculum*). Leaves used in fish sauces and for garnishing. Pkt. 5c., oz. 10c.

Henbane (*Hyoscyamus niger*). Contains medicinal properties. Pkt. 5c., oz. 20c.

Horehound (*Marrabium vulgare*). The leaves and tops are popular as a medicine for subduing irritating coughs. Pkt. 5c., oz. 25c.

Hyssop (*Hyssopus officinalis*). Aromatic evergreen bushy herb. Flowers and tops used for medicinal purposes. Pkt. 5c., oz. 25c.

Lavender (*Lavandula vera*). Flower spikes are dried for their peculiar lasting fragrance. Pkt. 5c., oz. 15c.

Marjoram, Sweet (*Origanum marjorana*). Hardy perennial, cultivated for use of its leaves for flavoring. Pkt. 5c., oz. 15c., ¼ lb. 40c.

Opium Poppy (*Papaver somniferum*). Opium; a milky juice is obtained by making incisions in the capsule. Seeds are used for bird food, under name of Maw Seed. Pkt. 5c., oz. 20c., ¼ lb. 40c.

Pennyroyal (*Mentha pulegium*). Leaves and tops used in culinary preparations and for medicinal purposes. Pkt. 10c., oz. 60c.

Rosemary (*Rosemarinus officinalis*). Foliage used for medicinal purposes. Pkt. 5c., oz. 30c.

Rue (*Ruta graveolens*). Hardy; leaves emit a powerful odor, and have an exceedingly acrid taste. Pkt. 5c., oz. 15c.

Saffron (*Carthamus tinctorius*). Used in medicine and also in dye. Pkt. 5c., oz. 10c.

Sage (*Salvia officinalis*). Used for seasoning. Pkt. 5c., oz. 20c., ¼ lb. 50c., lb. $1.50.

Summer Savory (*Satureja hortensis*). Hardy annual. Aromatic tops are used for culinary purposes. Pkt. 5c., oz. 15c., ¼ lb. 40c.

Tansy (*Tanacetum vulgaris*). Curled-leaved variety, used for garnishing. Pkt. 5c., oz. 30c.

Thyme (*Thymus vulgaris*). Leaves and tops are used for culinary purposes. Pkt. 5c., oz. 30c.

Wormwood (*Artemisia absinthium*). Leaves and tops are grown for medicinal use. Pkt. 5c., oz. 25c.

Orders by mail have prompt attention.

Vegetable Plants and Roots

We use all care possible in the packing of plants to go by express. As unavoidable delays will sometimes occur after leaving our store, we cannot be responsible for the condition in which they reach the purchaser. Positively no plants sent C. O. D.

Asparagus Roots.

	100	1000
Moore's Giant, 2 years old	$1.00	$6.00
Giant Argenteuil	1.00	6.00
Palmetto	1.00	6.00
Conover's Colossal	.75	5.00

Cabbage. April and May delivery

	100	1000
Early Summer	$1.00	$7.00
Early Jersey Wakefield	1.00	7.00
June and July delivery		
Stone Mason Drumhead	$0.50	$3.50
Fottler's Brunswick	.50	3.50
Globe Curled Savoy	.50	3.50

Cauliflower. Hotbed grown.

	May delivery		June and July delivery	
Henderson's Early Snowball	$1.50	$10.00	$1.50	$8.00
Early Erfurt	1.50	10.00	1.50	8.00

CELERY

Celery. *Transplanted.*

Giant Pascal	$1 00	$6 00
Boston Market	1 00	6 00
Paris Golden.	1 00	6 00

Field-Grown
June and July delivery

Giant Pascal.	$0 75	$4 00
Boston Market	75	4 00
Paris Golden.	75	4 00

Chives. Per bunch 15 cts., per doz. $1.00.

Egg Plant.
New York Improved, pot grown. 60c. per doz., $4.75 per 100.
New York Improved, hotbed grown. 50c. per doz., $3.50 per 100.

Horse-Radish Sets.
By mail, per doz., 25 cts. By express $1.00 per 100, $8.00 per 1000.

Lettuce.

	100	1000
Hothouse grown, delivery Sept. to April.	$1 00	$9 00
Black-seeded Tennis Ball. Delivery from May to Sept.	75	6 00

Pepper. Ready May and June.

	Doz.	100
Large Bell	$0 25	$1 50
Squash	25	1 50

Rhubarb Roots. Victoria, Each $0 15 1 50 8 00

Tomato Plants. We make a specialty of growing Tomato plants at our Arlington greenhouses, and can furnish the following varieties after May 10 in fine, strong, stocky plants. Plants sent by express only, purchaser paying transit.

Pot-Grown. 50 cts. per doz., $3.00 per 100.
Comet, Chalk's Early Jewel, Earliana, Golden Queen, Perfection, Rawson's Puritan, Small Fruited, Yellow Plum, Pear Shaped, Red Cherry, Strawberry, Dwarf Stone, Stone, Ponderosa and Coreless.

Box-Grown, or From Beds. 25 cts. per doz., $2 per 100, $18 per 1,000.
Belmont, Dwarf Stone, Dwarf Champion, Earliana, Perfection, Rawson's Puritan and The Stone.

Tarragon. Each, 20c., $2.00 per doz.

Bird Seeds

Prices subject to variations of the market. If wanted by mail, add 8c. per pound to cover postage.

Canary, Sicily. Selected. Lb. 10c., 3 lbs. 25c., 100 lbs. $6.00.

Hemp, Russian. First quality. Lb. 10c., 3 lbs. 25c., 100 lbs. $5.00.

Rape, German. Small-seeded. Lb. 10c., 3 lbs. 25c., 100 lbs. $6.00.

Rice, Unhulled, or **Paddy,** Choice recleaned seed. Lb. 10c., 3 lbs. 25c., 100 lbs. $6.00.

Lettuce. Oz. 10c., lb. 50c.

Millet. Lb. 8c., 3 lbs. 25c., 100 lbs. $4.00.

Maw. Blue Poppy. Lb. 15c., 100 lbs. $12.

Sunflower. Lb. 10c., 3 lbs. 25c., 100 lbs. $7.00.

Mixed Bird Seed. Canary, Hemp, Rape and Millet. Lb. 10c., 3 lbs. 25c., 100 lbs. $6.00.

Cuttle-fish Bone. Lb. 40c.

Bird Gravel. Pkt. 8c., doz. 75c.

Mangel-Wurzel, Mammoth Long Red

FARM SEEDS

Mangel-Wurzel and Sugar Beet

Beets Grown for Feeding Stock

Six pounds of seed will sow one acre.

CULTURE.—Sow in drills about two feet apart, thin out to nine to twelve inches in row. The long varieties are best suited to a deep soil, and the globe sorts succeed better than the long sorts on sandy soil.

Mangel-Wurzel

At a uniform price of: Oz. 10c., ¼ lb. 25c., lb. 75c.; by express, not prepaid, 10 lbs. at 60c. per lb.

Gate Post Originated in England. Is one of the largest and most useful of the Mangels, roots often weighing forty pounds and over. Our seed is all grown by the originator.

Golden Tankard. Color a deep rich yellow. The flesh is firm and solid, golden yellow in color. A heavy cropper and easily taken from the ground.

Kniver's Yellow Globe. Skin is tinted bright orange. Superb quality, enormous crop.

Mammoth Long Red Roots of mammoth size, very regular; small top. Skin bright dark red; roots grow from one-half to two-thirds above ground and often two feet long. Produces largest tonnage per acre.

Red Globe. Different from the Yellow Globe only in color.

Sugar Beet

Sow 6 to 8 lbs. per acre. Valuable both for producing sugar and stock feeding.

Vilmorin's Improved White. Contains the highest percentage of sugar; also valuable for stock.

Lane's Imperial. An improved variety; very hardy and productive.

Klein Wanzleben This variety is cultivated on a larger scale than any other Sugar Beet. Root is conical, straight, and even large at top and rapidly tapering. Not as large as some of the other sorts but contains the largest percentage of saccharine matter.

Turnip

Turnip and Ruta-Baga at uniform price of: ¼ lb. 20c., lb. 50c., postpaid; by express, 5 lbs. $2.25, 10 lbs. $4.00, except where noted.

Purple Top Strap Leaf, or **Early Red Top.** Quick grower; flesh is very fine grain, sweet flavor; white with purple top. More generally used than any other variety, both for market and for stock.

Purple Top White Globe An early variety very much in favor with the market gardeners. Of globe shape, heavy cropper; skin white with purplish top.

Turnip, Sweet German This variety should be sown at least a month earlier than the early flat Turnips. Flesh is white, firm, sweet and keeps well into the Winter. Pkt. 5c., oz. 10c., ¼ lb. 25c., lb. 75c. Postage paid.

Ruta-Baga

American Purple Top **Improved.** More largely grown for stock than any other variety. Yellow flesh, solid and fine quality. One of the very best keepers.

Large White French. Flesh is white, solid, mild and sweet. Excellent Winter variety.

Shamrock Yellow Swede. Largely grown for market and stock. Yellow flesh, solid; good keeper.

St. Andrews. A popular variety in Boston markets. Flesh yellow with purple top.

A field of Improved Leaming Corn growing for ensilage in Woburn

FARM SEEDS

Corn

Field, Ensilage and Fodder

Prices on Corn at our store, purchaser to pay the transit. Cloth bags are charged at cost. See page 1.

FLINT VARIETIES

Early Canada. Very early, ears medium size, usually ripens in August. Ripens well in the Northern States; a popular New England variety. Qt. 25c., pk. 75c., bus. $2.25.

Longfellow. Very largely grown in New England; is eight-rowed, yellow kernel and good size. Cob is quite small and ears are from 10 to 15 inches long. Ripens excellently in Massachusetts. Qt. 20c., pk. 60c., bus. $2.25.

Sanford. It is early, ears large with a small cob, kernel white. Very prolific and excellent quality. In some sections grown largely for ensilage Corn on account of its foliage. Qt. 20c., pk. 60c., bus. $2.25.

Stickney's. The Prize Winner Strain. This Corn won at the National Corn Show, 1909, the first prize for the best ten ears of Flint Corn grown. At the New England Corn Exposition, 1910, it was awarded sweepstakes for the best single ear of Flint Corn, and for the best ten stalks exhibited, also several other first prizes in the different classes. On a measured field of nine acres the harvest was 819¾ bushels, an average of over ninety-one bushels per acre. The ear is much thicker than the Longfellow, cob is small, usually eight rows of kernels, although sometimes it has twelve rows. The stalks grow about as high as the Longfellow, but the crop matures earlier. We believe it to be one of the largest yielding varieties of Flint Corn. Qt. 20c., by mail 35c.; by express, ½ pk. 50c., pk. 90c., bus. $3.00.

SWEET CORN FOR FODDER

Stowell's Evergreen. (For fodder.) A Sweet Corn, too well known to need any description. Qt. 20c., pk. 75c., bus. $2.50.

Sugar Corn for Green Fodder. We find many of our farmers favor this for ensilage purposes owing to the large percentage of saccharine matter in the stalks. To cut up and use for Corn fodder in the Fall there is nothing better. This is especially grown for fodder purposes, being of thick growth and early maturity. Usually sown in drills for early Summer and Fall Corn at the rate of two bushels per acre in drills four feet apart. Pk. 50c., bus. $1.75, sack (2 bus.) $3.00.

DENT VARIETIES

In many localities in New England the Dent varieties have been grown very successfully. It is a fact that the yield is practically double that of the Flint varieties. We would recommend a part of your plantings of Field Corn to be of the Dent varieties.

Brewer's Yellow Dent. As this Corn is strictly a New England variety, all the seed having been grown and ripened in New England, we have no hesitancy in recommending the Brewer's Dent, for it has overcome all of the difficulties of ripening this Corn here in New England. This Corn was awarded First Grand Champion Prize at the Corn exhibit in Omaha; the yield from a measured acre was 133⅓ bushels of shelled corn and a large amount of fodder. One can readily see that this would be a most desirable crop for ensilage as well as for the corn. Pk. 25c., bus. $2.75.

Early Mastodon. It grows strong, rank, quick and makes the finest appearance of shelled corn of all the varieties of Dent. It is purely a Dent Corn, of two shades, white and yellow; it has the largest ears and the largest corn of any of the early Dent Corns. It will ripen its seed in Massachusetts. Pk. 60c., bus. $2.00.

Eureka Ensilage. The tallest and best ensilage Corn; produces more valuable material for the silo than any other, and is also very productive of ears. Eureka is a choice selection of Southern Corn and in its native latitude has shelled out 100 bushels to an acre. For ensilage its value is due to its enormous growth and great production of leaves and ears; the main purpose of a silo is to preserve the largest possible quantity of fresh green foliage and ears that can be obtained from the smallest area. The Eureka will absolutely do this and has proven it to a great many farmers. Qt. 20c., pk. 75c., bus. $2.50.

Leaming Improved. One of the most popular and productive varieties, as the stalks grow very tall and produce, as a rule, two good ears on each stalk. The ears are long, with small, red cobs, well filled with corn of medium size and rich golden color. It will ripen in from one hundred to one hundred and ten days and makes a good crop even in a dry season. On account of its being very strong and vigorous the stalks are very leafy, making an excellent fodder; the kernels are so deep that it makes an extra large yielder. In this vicinity we recommend this Corn more than any other variety for ensilage. Pk. 60c., bus. $1.75.

Red Cob Ensilage. A very strong grower, highly recommended for ensilage; yields enormous crops. Pk. 50c., bus. $1.75.

Virginia Mammoth White. There is a great variety of white Corns from the South sold under various names. Our stock is produced in Virginia and we have had excellent satisfaction with this variety. It grows large, plenty of foliage; excellent for either fodder or ensilage. Pk. 50c., bus. $1.50.

FARM SEEDS

Prices subject to change without notice.

Barley **Chevalier.** A light colored kernel; seed is grown in Minnesota. It is generally recognized as the most reliable variety sold under all conditions. It is early, has a stiff straw bearing up under plump heads of large grain. Pk. 50c., bus. $1.75.

Beardless. May be sown as early as possible in the Spring without danger of frosts, as it is one of the hardiest of all the Barleys; straw is heavy, standing up under a heavy crop, and the grain is beardless, so that it can be handled and threshed as easily as Oats and for stock feeding it is much more valuable, as it can be fed without danger of injury to the animals. Pk. 50c., bus. $1.75.

Beans **Soja** (Soja hispida; Glycine hispida). Thrives well in hot and dry weather; very desirable in the South. Should be planted at the rate of one-half bushel to the acre, in drills two and one-half to three feet apart. Does not make very good hay but is excellent as ensilage and green fodder. Medium Early Green. ¼ bus. $1.50, bus. (60 lbs.) $5.00, 10 bus. at $4.80 per bus.

Velvet (Dolichos multiflorus). Used in the South as a forage plant, also as a fertilizer plant for turning under, the same as the Cow Peas. Vines and leaves readily eaten by stock. Should be planted in rows four feet apart and one foot in the row. Two or three beans in a place. Qt. 25c., ¼ bus. $2.00, bus. (60 lbs.) $6.00.

Farmogerm, for inoculation of Beans, see page 54.

Buckwheat **Japanese.** The most desirable variety. If sown at the same time as the Silver Hull it will ripen earlier and yield nearly double the amount. It is of much stronger growth than the common Buckwheat, and the kernels are fully twice the size. By express or freight, pk. 50c., bus. $1.75, 2 bus. $3.40.

Silver Hull. The seed is light gray color, varying slightly in shape. Pk. 50c., bus. $1.65.

Soja Beans

Broom Corn, Improved Evergreen. The most popu- variety of Broom Corn grown for market. The brush is of good length and retains the light green color when properly cured; shows almost no red color. Per lb. 15c., 10 lbs. 90c., 50 lbs. $3.50, 100 lbs. $6.50.

Kaffir Corn. Has fine crop of foliage and if cut in early bloom the shoots that then follow will mature a full crop of seed and foliage. Both corn and fodder are excellent and the whole stock tender to full maturity of seed. Qt. 15c., pk. 60c., bus. or 60 lbs. $2.00.

Millets **Golden,** or **German.** We have found the Southern grown or German Millet far superior in quality and yield to the Northern grown seed and when grown makes an enormous yield of nutritious food; succeeds in almost any soil. Sow in May or June, one bushel to the acre. Qt. 10c., bus. of about 50 lbs. $2.50

Hungarian (Panicum Germanicum). Probably used more than any other Millet for fodder during the Summer months. Remains green when almost all other vegetation has dried up. It is one of the very best plants for green fodder or for ensilage; makes hay of the best quality. Sow broadcast about one and one-half bushels to the acre. By express, qt. 10c., pk. 50c., bus. of about 48 lbs. $1.75.

Japanese Barnyard Grass (Panicum Crus-galli). Succeeds in almost any ordinary soil, and may be sown from the middle of May to the first of July. Is distinct from other varieties. Enormous crop, grows from six to eight feet high. Excellent either green or cured for hay. Exceedingly popular as a forage plant. Twenty-five pounds will sow an acre. Lb. 10c., 10 lbs. 75c., 50 lbs. $3.25, 100 lbs. $6.00.

Pearl, or **Cat-Tail.** Has broad leaf; foliage somewhat resembles Corn leaves. Valuable forage plant; enormously productive; should be fed green. If sown in drills, four or five pounds to the acre; if broadcast, ten to fifteen pounds. Lb. 15c., 10 lbs. 85c., 50 lbs. $4.00, 100 lbs. $7.50.

Oats

FARM SEEDS

Peas **Canada Field.** Valuable in Northern climates for cattle feeding, especially for milch cows. Also makes ensilage of fine quality. Usually sown broadcast and harrowed in. Prices variable. Pk. 75c., bus. $2.50.

Cow Peas. Each year we find that the demand for Cow Peas increases, as the farmers find they are of great value as a soil enricher, also when cut green. It makes excellent hay when cut and cured the same as Clover, then the stubble with the new growth may be turned under as fertilizer. If Kaffir Corn is sown with the Cow Peas it holds the vines off the ground.

Southern Black. Pk. $1.00, bus. $3.50

Whip-Poor-Will. Light brown, speckled dark brown. Pk. $1.00, bus. $3.50.

Rape **Dwarf Essex.** Of great commercial value as a forage for stock and poultry. It will thrive on almost all soils except light sandy and stiff clays, or where most of our common vegetables will succeed. For Summer crops seed should be sown in May, but for late Fall crops sowings may be made in June and July. The best results are obtained if sown in drills about thirty inches apart to allow for horse cultivation. Seed may also be sown broadcast, but only when weather is moist enough that the soil will not dry too deep. Dwarf Essex Rape is usually ready for cutting in eight to ten weeks time from seeding, and it is advisable to cut for cattle rather than turn them into a field; poultry may be turned into it to feed as soon as it has made sufficient growth. An exceptionally fine green feed for Sheep and Swine. Lb. 10c., 10 lbs. 75c., 25 lbs. $1.50, 50 lbs. $3.00, 100 lbs. $5.50.

Rye **Spring.** For a catch crop this is best for sowing in the Spring as you can obtain a crop by later sowing than any other grain, although it does not yield as large a crop of grain as the Winter Rye. Pk. 50c., bus. $1.50.

Winter. This should be sown in the Fall early enough to get a start and will stand our New England Winters. Pk. 50c., bus. $1.75.

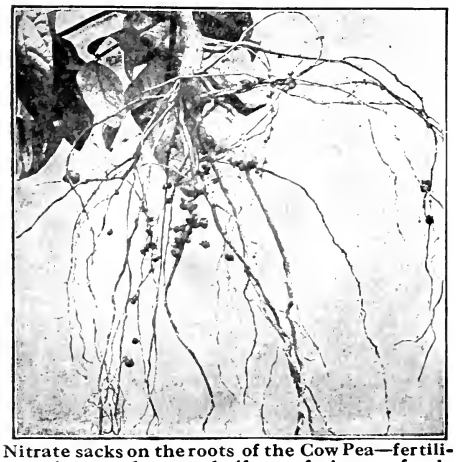
SUGAR CANE, or **Sorghum, Early Amber.** Valuable for the large amount of foliage, green fodder it produces and for its grain. Ripens wherever Indian Corn matures. Lb. 12c., 100 lbs. $6.00.

SUNFLOWER, Mammoth Russian. This is the best variety for a farmer to grow; it reaches double the size of other sorts and yields twice as large a crop of seed, which is used largely for poultry as it has high feeding value. 1 lb. 10c., 10 lbs. 75c., 25 lbs. $1.50, 100 lbs. $5.50.

Oats **Lincoln.** Of strong growth and ripens comparatively early, seldom troubled with rust. Grain has thin hull and heavy meat, making it especially valuable for milling into oatmeal as well as feed. Pk. 40c., bus. $1.25.

White Wonder. This variety has been thoroughly tested in this vicinity, as all of this seed is New England grown; yields especially plump, heavy white grains. Pk. 40c., bus. $1.35, 2 bus. at $1.30.

Silver Mine. Straw is very strong, stands up well and produces a beautiful white, clean, plump berry. This is one of the most widely known white Oats. From a test of fourteen varieties of Oats this ranked next heaviest in yield. Pk. 35c., bus. $1.30.



Nitrate sacks on the roots of the Cow Pea—fertilizer value equal to one-half ton of nitrate of soda

TRADE **FARMOGERM** MARK

SEED INOCULATION

TO INCREASE THE YIELD AND FERTILIZER VALUE OF CLOVERS—ALFALFA—PEAS—BEANS—VETCH—SOY BEANS

Does not produce good results used on Corn

These legumes can be made to yield their maximum amount only when they are properly inoculated and when so treated they will enrich the soil to such an extent that high priced fertilizers are absolutely unnecessary.

Comes to you put up in bottles ready to be sprinkled upon the seed just before planting. You can perfectly inoculate the seed for 10 acres in 10 minutes. The results are certain and we recommend our customers to use this preparation on every planting of legume seed they make. Specify the particular seed you will plant or ask for further particulars.

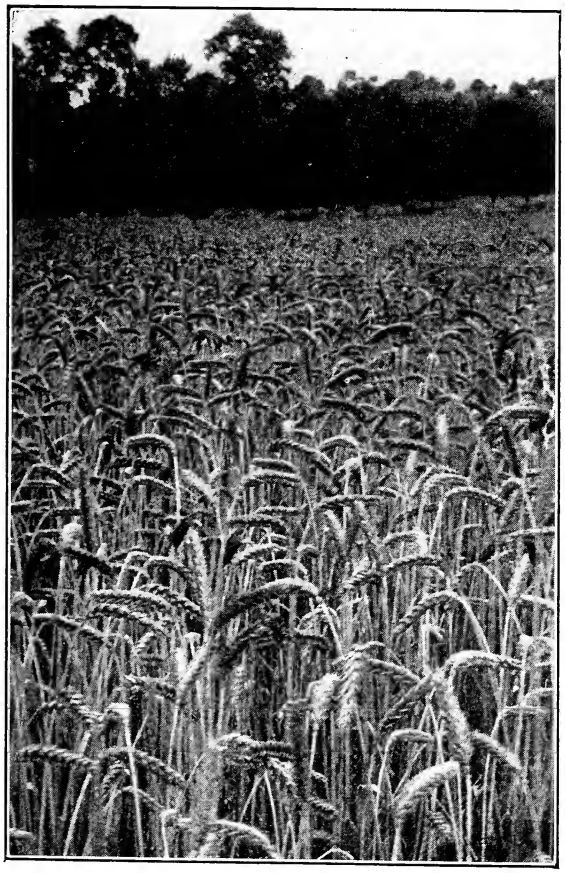
ENDORSED BY AGRICULTURAL EXPERIMENT STATIONS AND FARMERS EVERYWHERE

Garden Size 50c. **1-Acre Size, $2.00** **5-Acre Size, $9.00**

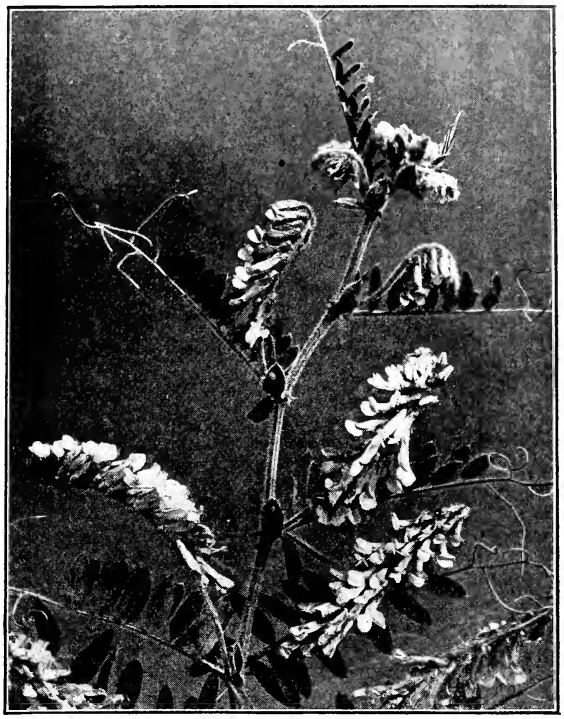
FARM SEEDS—Continued

Vetch, **Spring,** or **Tares** (Vicia sativa). In New England the Spring Vetch is not hardy except in the southern part. It is excellent for Spring sowing and has a large yield of nutritious hay as well as being especially adapted as a soil improver and nitrogen gatherer. As the seed of the Spring Vetch is larger than the Winter it will not go as far in seeding and is sold at a lower price. If sown broadcast sixty to one hundred pounds to the acre. Lb. 10c., 10 lbs. 80c., 25 lbs. $1.80, 50 lbs. $3.50, 100 lbs. $6.50.

Winter, or **Hairy Vetch** (Vicia villosa). Each year we find our sales increasing on the Sand or Hairy Vetch, as it is evidently getting more popular with those who wish to grow more forage; it is especially adapted as a soil fertilzer. It succeeds and produces a good crop on poor, sandy soil as well as on good land; it is perfectly hardy throughout the United States. The root growth is very extensive and makes a quantity of nitrogen tubercles. The Vetches can be sown from July to November and should be sown broadcast at the rate of from twenty to thirty pounds to the acre, and one bushel of Oats or Rye, as the Rye assists in holding the Vetches off the ground, makes a better growth and can be harvested earlier. If sown alone thirty to forty pounds per acre should be used. Lb. 15c., 10-lb. lots 14c., 50-lb. lots 13c., 100-lb. lots 12c.



Winter Wheat



Winter, or Sand Vetch

Spurry (Spergula arvensis). Makes excellent fodder for cattle and sheep. Grows well on poor, dry, sandy soil; an excellent fertilizer for light soil; valuable for forage. Sow twelve to fifteen pounds to the acre. Lb. 30c., 3 lbs. 75c., postpaid; by freight or express, lb. 20c., 6 lbs. $1.00, 10 lbs. $1.50.

Teosinte, (Reana luxurians). Largely grown as a forage plant in the South and Southwestern States as it is a continuous cutting plant and furnishes the most nutritious food, when dried, for horses and cattle. Resembles Indian Corn; sow in May or June in drills, three to four feet apart and about three pounds to the acre. 1 oz. 15c., ¼ lb. 40c., 1 lb. $1.25.

Wheat, **Spring, Saskatchewan.** In the West where Wheat is grown largely this is pronounced by all the milling kings to be the largest yielder. Fifty bushels to the acre is not an uncommon yield. Pk. 65c., bus. $2.50, 5 bus. or over at $2.25.

Macaroni. This Wheat recently put out by the Department of Agriculture has taken a strong hold in the West where Spring Wheats are largely used. It is of excellent quality and practically immune from rust. An extra large yielder. Pk. 85c., bus. $2.75.

Winter. Klondyke White and Red Clauson. Pk. 65c., bus. $2.50.

Wild Rice, (Zizania aquatica). Valuable as a forage plant for swamps, but chiefly as an attraction for water fowl. Before sowing soak in water twenty-four hours, sowing in water from six inches to five feet deep. This can be supplied only in the Fall, September or October. Lb. 35c., 100 lbs. $30.00.

Alfalfa thirty inches high. The field has yielded four crops every year for the past twelve years without reseeding.

Clover

(Prices on this page variable during the season. Ask for quotations in large quantities)

ALFALFA (*Medicago sativa*). Alfalfa is the mainstay of the cattle farmer, particularly of the dairyman. It is grown successfully in almost every section of the United States and Canada. Alfalfa requires a deep, fertile, well-drained soil, rich in lime and free from weeds. The lack of any one of these may be the cause of failure, especially in the Southern or Eastern States. Well-rotted barnyard manure is a suitable fertilizer. Do not use fresh manure as it produces too many weeds. The young plants of Alfalfa are very tender and if weeds are plentiful they will kill out the Alfalfa. In sowing Alfalfa special care should be taken in preparing the soil. Land should be ploughed deep, harrowed and brushed and allowed to settle for some time before sowing. In the South and East Alfalfa succeeds best if planted in late Summer, and should be sown as far in advance of what promises to be the most trying time for seedlings. Seed should be covered from three-quarters of an inch to one inch deep. Inoculation is one of the most favorable methods of securing a stand of Alfalfa, especially in the Eastern States, where the soil conditions are less favorable of the growth of bacteria. (We recommend the use of "Farmogerm" for this inoculation. See page 159.) Quantity of seed required for one acre. 20 to 25 lbs. Lb. 23c., 100 lbs. $19.00.

ALSYKE (*Trifolium hybridum*). Especially valuable for hay when grown alone, or with other grasses, and with Red or Mammoth Clover. A very hardy sort and can be sown very early in the Spring; the seed being small should not be covered very deep. It is not as likely to Winter-kill as Red Clover on account of its fibrous roots, and is being used in some places where Red Clover cannot be successfully grown. Alsyke succeeds best on moist soils which are usually too low in humus for Red Clover to grow advantageously. The effect of Alsyke on the soil is similar to that of Red Clover. Alsyke, when sown alone, should have a nurse crop added; well suited for grass seed mixtures, being a perennial, and for its hardiness. Alsyke hay is slightly richer than the ordinary Clover and is more hardy than Red or Mammoth Clover. To seed an acre use 15 pounds. Lb. 30c., 100 lbs. $26.00.

CRIMSON CLOVER (*Trifolium incarnatum*). Crimson Clover has a high feeding and fertilizing value, and is one of the best crops for forage and soil renovating. Its uses are many, such as for hay, pasturage, silage, green manure and soil cover to prevent leaching and washing. Crimson Clover may be harvested the same as Red Clover, and should be cut for hay at or before full bloom. The best results are obtained from seed sown during July and August, and thrives best on rich sandy loams, but gives good results on clay and light soils. Crimson Clover is not hardy and will not stand the Winters north of New Jersey and is used mostly as a Summer cover crop. Quantity of seed required for one acre, 20 pounds. Lb. 15c., 100 lbs. $13.00.

MAMMOTH CLOVER. A species of Red Clover commonly known as Sapling Clover, Pea Vine Clover, Bull Clover and Perennial Clover. It matures about two weeks later than ordinary Red Clover, and is the preferable Clover for the northern part of the Northern States. Mammoth Clover and Timothy are useful for seeding together on account of their blooming at the same time, and for the increased weight per acre over the ordinary Red Clover. Mammoth Clover blooming as late as it does has an advantage over the Red on account of the insect pests which injure the early flowering Clovers, and when used on poor soils produces better results than either Red or Alsyke Clover. When grown for hay cutting should take place when in early bloom before the stems become woody. Seed required for one acre 15 pounds. Lb. 27c., 100 lbs. $24.00.

Clover Inoculation use

Farmogerm **Highbred Nitrogen Gathering Bacteria make poor soil good soil**

To raise the biggest and best crop of Peas, Beans, Sweet Peas, Clover, Alfalfa, or other legumes, Farmogerm will do it, and add nitrates to the soil to benefit future crops of other kinds.

Garden size, 50c.; acre size, $2.00.

See page 159 for full particulars.

CLOVER SEED—Continued

RED CLOVER (Trifolium pratense). One of the best crops for hay and pasture; it is also used sometimes for a soil crop, and is also valuable when used for hay in maintaining a supply of nitrogen in the soil. Red Clover will not succeed on poorly drained or boggy soil, but will produce good results on any soil that will grow Corn. Soils containing lime or where lime can be supplied are ideal soils for Red Clover. This variety of Clover may be seeded in the early Spring or in the Fall. If seeded in the Spring, the best time for sowing is when the ground is freezing and thawing and in the Autumn about six weeks before frost. The best results to be obtained for hay, is to cut when just past full bloom, containing at this time the maximum of protein and dry matter. Quantity required to seed one care, 15 lbs. **Lb. 25c., 100 lbs. $22.00.**

WHITE CLOVER (Trifolium repens). Sometimes called Lawn Clover and will succeed almost anywhere in the United States, and on almost any character of soil, but a heavy soil is best suited for it. White Clover may be sown at the same time as Red Clover; it is rarely sown alone, but usually used in lawn mixtures and for pasture. A small proportion of this small clover, if used in permanent pasture, often fills in bare spots and makes valuable grazing for stock. It is often affected by extreme dry weather and will appear as if killed, but on the return of the rains will reappear as fresh as ever. 8 to 10 lbs. usually sown to the acre. **Lb. 50c., 100 lbs. $40.00.**

SWEET CLOVER (Melilotus albus). A native of all parts of the United States and Canada and is a valuable addition to farm crops in many sections. Sweet Clover will thrive on most soils, either poor clay or sandy, but it prefers a limestone soil. Where lime is deficient, it should be added, and good results will be attained. White Clover, like the other varieties, will respond to inoculation with excellent results. White Clover will succeed best if planted alone, and should be sown either in the Spring or Fall. It is the most vigorous soil enricher of all the Clovers, and will grow on soils that will not support an ordinary farm crop. Quantity usually sown to the acre, 30 lbs. To eradicate Sweet Clover, mow it when in full bloom, that it may not re-seed itself. **Lb. 25c., 100 lbs. $23.00.**

GRASS SEEDS

For Pasture, Mowing and Lawn

Prices of grass seeds are f.o.b. Boston; also subject to market changes.

AWNLESS BROME GRASS (Bromus inermis). A very satisfactory grass for arid regions as a pasture and meadow grass. It is a thoroughly permanent grass of rapid growth, produces heavy crops and luxuriant pastures. A grass that is relished by all kinds of stock, and rich in flesh forming ingredients. A particularly hardy grass, being the first to start in the Spring and the last to feel the effects of frost in the Fall. The yield is usually from one to four tons per acre and should be cut when in full bloom. When sown alone use about 35 lbs. per acre. **Lb. 25c., 100 lbs. $20.00.**

BEACH GRASS (Ammophila arundinacea). Valuable on the sandy seashore, canal and railway banks, etc. Its strong, creeping, matting roots bind the drifting sand into natural embankments against the action of wind and waves. Height, 2 to 3 ft. **Lb. 50c., 100 lbs. $40.00.**

CREEPING BENT GRASS (Agrostis stolonifera). Long, prostrate, creeping stems, well adapted for sandy pastures near the coast, and useful for binding shifting sands or river banks subject to wash or overflow. 15 lbs. to bushel. **Lb. 35c., 100 lbs. $30.00.**

CRESTED DOG'S TAIL (Cynosurus cristatus). A slightly tufted perennial grass, 1 to 2 ft. high, with fine leaves. Is rarely sown alone; mostly used in mixture for seed of lawns. It forms a low and compact sward when thickly sown. It is said to thrive well in the shade. **Lb. 30c., 100 lbs. $25.00.**

ENGLISH RYE GRASS (Lolium perenne). Produces a strong growth in four or five weeks after sowing. It cures into a hay that is rather hard, but having a sweet flavor and much relished by cattle and horses. Height 1½ to 2 ft. Sow 60 lbs. to the acre. **Lb. 15c., 100 lbs. $10.00.**

HARD FESCUE (Festuca duriuscula). A slender, densely tufted perennial grass, 1 to 2 ft. high. Thrives on dry, sandy soils. Sow 30 lbs. to the acre. **Lb. 25c., 100 lbs. $20.00.**

ITALIAN RYE GRASS (Lolium Italicum). It is a very rapid grower, forms a dense turf, and is regarded as an excellent hay grass. Weighs 22 lbs. to bushel. Sow 50 lbs. to an acre. **Lb. 15c., 100 lbs. $12.00.**

Creeping Bent

GRASS SEEDS—Continued

KENTUCKY BLUE GRASS (Poa pratensis). A very widely distributed species, and without a rival as a pasture grass. Being of perennial habit, it will, when established, last indefinitely. One of the finest varieties of grasses for use in lawns, owing to the thick growth of sod. Blooming as it does the latter part of May, it can be harvested about June 1st and is one of the easiest grasses to cure. Seed may be sown in the early Spring or during September. An excellent variety for turfing terraces and embankments. When sown alone, 30 to 40 lbs. required for one acre. **Lb. 20c., 100 lbs. $15.00.**

LIME GRASS (Elymus arenarius). Valuable on sandy seashore and railroad banks, etc. It tends with its tough, wide-spreading and thickly matting roots to prevent the drifting of the sand. **Lb. 75c., 10 lbs. $7.00.**

MEADOW FESCUE (Festuca elatior). A valuable hay or pasture grass. It will thrive in wet and moist lands; a rapid grower, and tends to keep down coarser grasses which frequent such localities, forming a thick sod which will stand the trample of cattle. When sown alone 40 lbs. are required for one acre. **Lb. 25c., 100 lbs. $20.00.**

MEADOW FOXTAIL (Alopecurus pratensis). It is a valuable pasture grass, on account of its early and rapid growth and of its being greatly relished by stock of all kinds. 3 or 4 lbs. to the acre. Height 2 to 3 ft. Weighs 7 lbs. to bushel. **Lb. 38c., 100 lbs. $35.00.**

RED TOP (Agrostis vulgaris). A highly recommended grass for permanent pasture and as meadow grass for hay. Red Top is especially valuable for sour and acid soils, swampy and meadow lands which are liable to overflow, and those that are not rich enough for Timothy or Clover; it does not thrive on sandy or leachy soils, but will adapt itself to a wider range of soils than any other grass. To obtain the best results from Red Top it should be harvested when in full bloom. It may be sown alone of with Timothy and Clover; these additions increase the quantity and quality of the hay. Red Top makes one of the best grasses for lawn use, either sown alone or in connection with White Clover or in a mixture with other grasses.

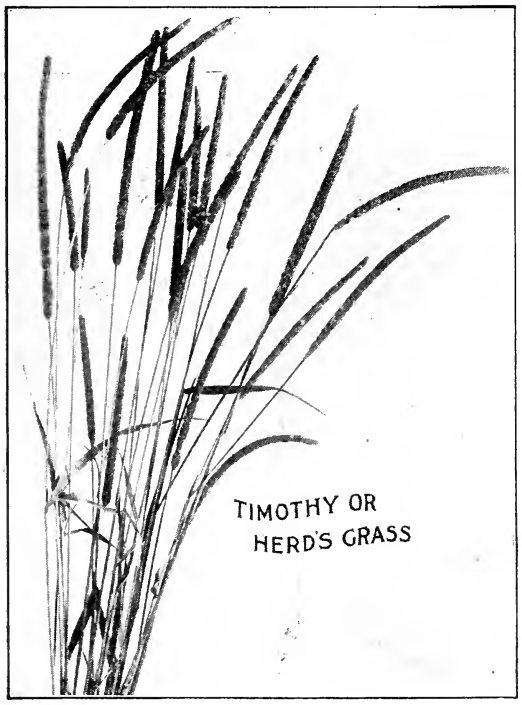
Red Top, Fancy Cleaned. Use 14 to 16 lbs. to acre. **Lb. 35c., 100 lbs. $30.00.**

Red Top, Unhulled. Use from 40 to 50 lbs. to the acre. **Lb. 18c., 100 lbs. $14.00.**

ORCHARD GRASS. A good grass for hay crop, yielding nearly the same amount as Timothy and almost equal in feeding value. Orchard Grass will grow on almost every soil that is not saturated with water. It prefers a moderately dry soil with considerable sandy material. It is usually sown in the Spring, but with favorable conditions may be sown in the Fall. One of the best grasses for sowing in shady places and among fruit trees in orchards. 35 to 40 lbs. required for one acre. **Lb. 25c., 100 lbs. $20.00.**

RED FESCUE (Festuca rubra). Resists extreme drought; thrives on inferior soils, gravelly banks and exposed hills. 25 lbs. to acre. **Lb. 30c., 100 lbs. $25.00.**

RHODE ISLAND BENT GRASS (Agrostis canina). Its hardy, creeping habit renders it desirable for close sward, also for lawns. **Lb. 30c., 100 lbs. $25.00.**



Meadow Fescue

ROUGH-STALKED MEADOW GRASS (Poa trivialis). Highly esteemed in mixtures for permanent pastures. It is perennial. Succeeds best in soil rather moist and cool. 20 lbs. to acre. **Lb. 40c., 100 lbs. $35.00.**

SHEEP FESCUE (Festuca ovina). Is well adapted for cultivation on light, dry soils, especially those which are shallow. Sow 35 lbs. to the acre. **Lb. 30c., 100 lbs. $25.00.**

SWEET VERNAL ANNUAL (Anthoxanthum odoratum puelli). Much smaller than the perennial, and of much less value, lasting one year only. 20 to 25 lbs. to acre. **Lb. 20c., 100 lbs. $15.00.**

SWEET VERNAL, TRUE PERENNIAL (Anthoxanthum odoratum). Valuable for its vernal growth; throws up root foliage until late in Autumn. 2 to 5 lbs. to the acre when mixed with other sorts. **Lb. 60c., 10 lbs. $5.50.**

TALL MEADOW FESCUE (Festuca elatior). Very productive; long duration; especially valuable for permanent pasture. Height 3-4 ft. 40 lbs. to acre. **Lb. 30c., 100 lbs. $25.00.**

TALL MEADOW OAT GRASS (Avena elatior). Most valuable for pastures on account of its early and luxuriant growth. Withstands extreme drought and heat or cold. 50 lbs. to the acre. **Lb. 28c., 100 lbs. $23.00.**

TIMOTHY, or HERD GRASS (Phleum Pratense). The standard hay of commerce. The excellent quality of the hay and the ease of culture make it valuable. It is adapted to most soils but succeeds best on moist loam and clay, and crops are subject to soil and climate. The most profitable crops are obtained the first and second seasons. Timothy should be cut after the seed has formed and in full milk and at least four inches above ground. Timothy sown alone requires about 20 lbs. per acre; when sown with Red Clover use 15 lbs. Timothy and 5 lbs. Red Clover. It may also be sown with Wheat, Oats or Barley. **Market price, from $3.25 to $4.50 per bus. Prices fluctuate.**

VARIOUS-LEAVED FESCUE (Festuca heterophylla). Grows naturally in open woodlands or along their borders. It makes its best growth on low-lying lands not too dry. Sow 40 lbs. to the acre. **Lb. 30c., 10 lbs. $2.75.**

WATER MEADOW GRASS (Poa aquatica). For wet situations this is very useful, growing well in marshes or on margins of lakes, streams, etc. **Lb. 60c., 10 lbs. $5.50.**

WOOD MEADOW GRASS (Poa nemoralis). Excellent for shaded positions in lawns and woodland parks. Very hardy, resisting extremes of heat and cold. 30 lbs. to the acre. **Lb. 30c., 10 lbs. $2.75.**

GRASS MIXTURES FOR PERMANENT MOWING OR PASTURE LANDS

The object to be attained is a continual growth of rich pasturage from Spring to Fall. The fact that soil sown with a variety of different grasses that are adapted to the soil, and which attain perfection at alternate months from April to October, has been proven by continued experiments. It will produce much larger and more satisfactory crops, both for hay and pasturage, than when only one or two kinds of grasses are sown. If seed is sown in Spring it should be done early, while the land is cool.

Clover seed is much heavier than grass seed and settles at the bottom when they are mixed together, with the result that the sowing is uneven. We recommend sowing in the Spring 10 lbs. mixed clover seed per acre.

MIXTURES FOR PERMANENT MOWING FOR ONE ACRE

Use on medium soil

2 lbs. Hard Fescue.
6 lbs. Kentucky Blue.
1 lb. Meadow Foxtail.
4 lbs. Orchard Grass.
4½ lbs. Perennial Rye.
5 lbs. Red Top Fancy.
½ lb. Sweet Vernal Perennial
17 lbs. Timothy.

40 lbs. will sow 1 acre.
$8.50

Use on dry soil

3 lbs. Hard Fescue.
5 lbs. Orchard Grass.
2½ lbs. Perennial Rye.
5 lbs. Red Top Fancy.
1 lb. Rough Stalked Meadow
5 lbs. Sheep Fescue.
½ lb. Sweet Vernal Perennial
4 lbs. Tall Meadow Oat.
14 lbs. Timothy.

40 lbs. will sow 1 acre.
$9.00

Use on heavy moist land

2 lbs. Creeping Bent.
6 lbs. Kentucky Blue.
3 lbs. Meadow Fescue.
4 lbs. Orchard Grass.
7 lbs. Perennial Rye.
5 lbs. Red Top Fancy.
1 lb. Tall Fescue.
2 lbs. Tall Meadow Oat.
10 lbs. Timothy.

40 lbs. will sow 1 acre.
$9.00

MIXTURES FOR PERMANENT PASTURES FOR ONE ACRE

Use on medium soil

2 lbs. Hard Fescue.
6 lbs. Kentucky Blue.
2 lbs. Meadow Fescue.
2 lbs. Meadow Foxtail.
4 lbs. Orchard Grass.
6 lbs. Perennial Rye.
5 lbs. Red Top Fancy.
1½ lbs. Sheep Fescue.
½ lb. Sweet Vernal Perennial
3 lbs. Tall Meadow Oat.
8 lbs. Timothy.

40 lbs. will sow 1 acre.
$9.50

Use on dry soil

4 lbs. Creeping Bent.
2 lbs. Hard Fescue.
5 lbs. Orchard Grass.
4 lbs. Perennial Rye.
4 lbs. R. I. Bent.
6 lbs. Sheep Fescue.
½ lb. Sweet Vernal Perennial
4½ lbs. Tall Meadow Oat.
10 lbs. Timothy.

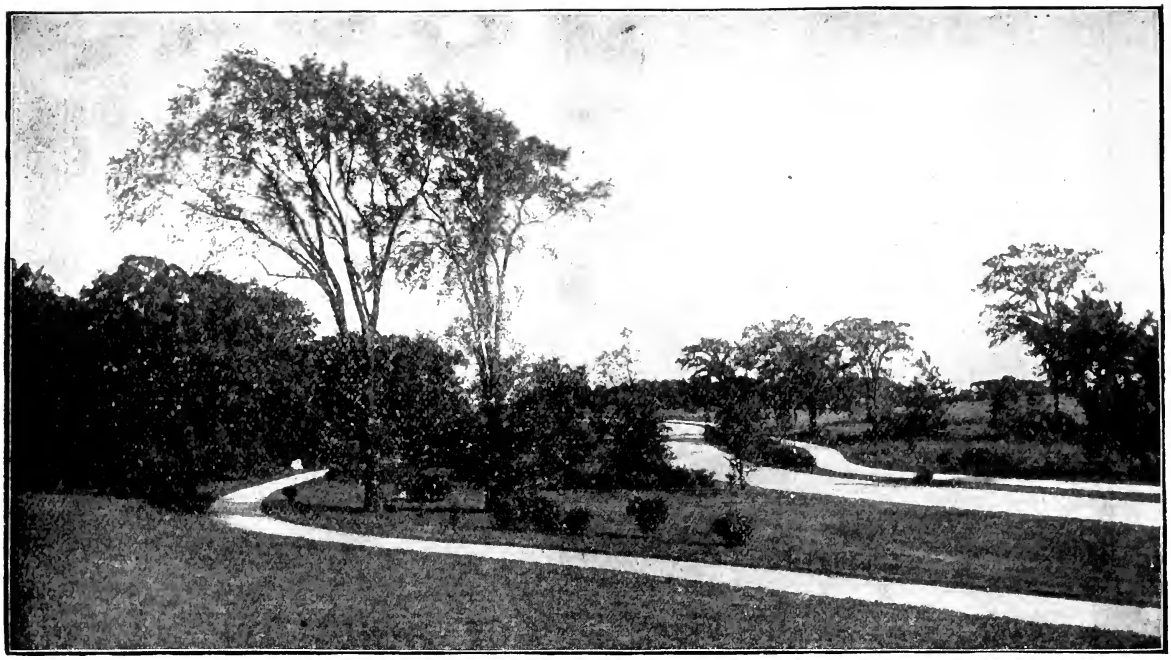
40 lbs. will sow 1 acre.
$10.00

Use on heavy moist land

4 lbs. Kentucky Blue.
5 lbs. Meadow Fescue.
1 lb. Meadow Foxtail.
5 lbs. Orchard Grass.
8 lbs. Perennial Rye.
5 lbs. Red Top Fancy.
1 lb. Rough Stalked Meadow
1 lb. Tall Fescue.
10 lbs. Timothy.

40 lbs. will sow 1 acre.
$10.00

Above prices are purchaser paying transit



FRANKLIN PARK LAWN SEED

TRADE MARK REGISTERED

Superior Mixture for Lawns, Terraces, Croquet Grounds, Etc.

The mixture of grass seeds we sell under this name is made from the identical formula used by the Park Commissioners of the city of Boston in their work of laying out the beautiful lawns and terraces which add such a charm to our new parks. For many years the grass seed used on these parks has been supplied by us, which fact should be a strong guarantee of quality. The Franklin Park Mixture gives a fine, smooth, velvety sward within a very few weeks after sowing. Weight per bushel, 32 lbs. The very large demand for this lawn seed has necessitated our having the name "Franklin Park" registered as a trademark, in order to protect ourselves from imitators.

You will find no chaff in our Franklin Park Lawn Seed. It is all seed and will start to grow at once. In a very short time you will have a green lawn that is a pleasure to look at.

1 pint will sow 250 square feet	**$0.20**	*This price at our store, Boston*
1 quart will sow 500 square feet	**.30**	
2 quarts will sow 1,000 square feet	**.55**	
4 quarts will sow 2,400 square feet	**1.00**	
8 quarts will sow 5,000 square feet	**2.00**	
2 bus. will sow 1 acre. Per bus. of 32 lbs.	**7.50**	

Is free from weeds.
No chaff seeds.
It starts at once.
The cheapest to use.

Delivered to any Railroad Station, Express Office or Post-office in the United States

Pint	Quart	4 qts.	8 qts.	Bus. of 32 lbs.	*This price delivered in your town or city.*
20c.	40c.	$1.25	$2.40	$8.25	

GOLF LINKS MIXTURE

Special Mixtures of Grasses for Pleasure Grounds, Golf Links, Putting Greens, Etc.

We have given much attention to the grasses used in Putting Greens, Golf Links, etc., as there is no purpose for which turf is grown that is so exacting. No other grass is required to stand so much rough usage, and it is therefore very necessary that the proper varieties be used to produce a thick and lasting sod. Foreign grasses are largely used in our mixtures, selecting those that thrive well here, with the addition of some American varieties that are equally fine and that have proved satisfactory in our experiments as well as in practical results obtained on the varous golf courses. By using these mixtures, which are prepared specially for each use and with proper care, the finest Putting Greens and Fair Greens can be had.

Putting Green Grass Mixture

1 qt., 30 cts., postage paid 40 cts.
4 qts. $1.00, express paid $1.25.
1 pk. $1.75, express paid $2.00.
1 bus. (20 lbs.) $6.00, express paid $6.50.
Sow at the rate of 5 bus. to the acre.

Fair Green Grass Mixture

25 cts. per lb.; 100 lbs. at 23 cts. per lb.; 1000 lbs. at 20 cts. per lb. 50 lbs. should be sown per acre.

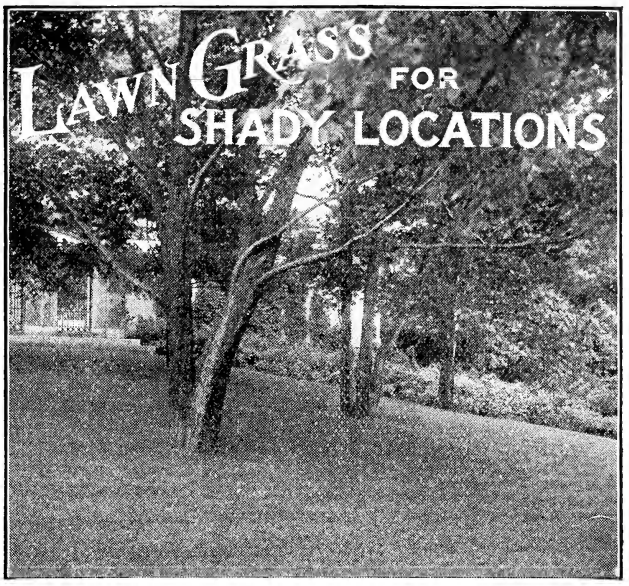
SHEEP MANURE

"Wizard Brand"

Best Natural Manure for Lawns

Produces quick results, beneficial and lasting. 100 lbs. will dress 2000 sq. feet or one ton per acre. 50 lbs. $1.25, 100 lbs. $2.00, ton (in 100-lb. bags.) $35.00.

Shady Spot Lawn Seed



In many lawns there are trees which shade parts and sometimes nearly all the lawn, leaving unsightly places at times. Ordinary lawn seed does not give satisfactory results under these conditions. For sowing in such places we recommend the use of Special Mixture for Shady Places. In preparing such places for the reception of grass seeds we recommend the use of slaked lime quite liberally (at least 50 lbs. to 1000 ft.). The lime sweetens the soil and aids wonderfully in the growth of the grass.

1 qt. 25c., express paid 35c.; 4 qts. 85c., express paid $1.10; 1 pk. $1.50, express paid $1.85; 1 bus. $5.50, express paid $6.00.

The grasses used in making this special mixture are only those which are well adapted for growing in the shade, which in their natural and wild state grow and mature under these conditions.

Boston Quality Lawn Seed

What is more attractive than a well designed house surrounded by artistically treated grounds and a beautiful lawn, the rich, green, velvety turf being always the most attractive.

Use the "Boston Quality Lawn Seed." It is not the work of a novice to select varieties of grasses that will produce a lawn for all situations, but must be a person of long experience and thorough knowledge of the growth of grasses that will make a good turf. You will find the

"Boston Quality Lawn Seed"

One that meets the requirements. It is composed of such grasses that make a good turf, carefully blended together in such portions as will produce a good lawn when properly prepared and will grow under varied conditions, soils and climates and at different seasons of the year. Here is the advantage of the "Boston Quality Lawn Seed."

For making new lawns use 4 bushels to acre; 1 qt. will sow 300 square feet or a plot 15 x 20 feet.
Pt. 15c., qt. 25c., 2 qts. 45c., 4 qts. 85c., ¼ bus. $1.50, ½ bus. $2.75, bus. $5.00.

If by mail, add 10c. per qt.

Special Mixtures for Special Locations

We have many inquiries from customers who have made experiments of their own, and have found that certain varieties of grass will do better than others on their land. We are well aware that we cannot make one mixture that will do for all lands and are pleased to have our customers consult with us regarding varieties suitable for their particular land, or if they have certain varieties to include in their mixture, we are only too pleased to serve them in this way, for we have, on page 57, a very complete list of fancy varieties that we always carry a large stock of and will put up any mixture that may be desired. We have facilities for executing all such orders promptly.

Climax Lawn Sand Destroys Weeds

This remarkable preparation, when applied to weedy lawns, will adhere to the rough, hairy leaves of Dandelions, Plantains, etc., and, by absorbing therefrom all the sap, destroy them beyond recovery. Moreover, Climax Lawn Sand goes to the roots of smooth-bladed finer Grasses and acts as a valuable fertilizer. The most weedy and impoverished lawn will show a remarkable improvement after a single application. A booklet giving in detail all the merits of this wonderful weed eradicator, explicit directions for use and testimonials from every part of this country, will be gladly mailed free to any applicant.

When to Apply. March, April, May, July, August, September and October are the best months, selecting a bright sunny day, with a prospect of 24 to 48 hours settled weather.

QUANTITY REQUIRED		PRICES		
3½ lbs. will dress	150 sq. ft.	Tin can	Purchaser paying transit	$0.40
7 lbs. will dress	250 sq. ft.	Tin can		.75
14 lbs. will dress	500 sq. ft.	Tin can		1.25
28 lbs. will dress	1,000 sq. ft.	Wooden keg		2.00
56 lbs. will dress	2,000 sq ft.	Wooden keg		3.50
112 lbs. will dress	4,000 sq. ft.	Wooden keg		6.00

FLOWER SEED
NOVELTIES AND SPECIALTIES

TWO EXCELLENT NEW PERENNIALS

DELPHINIUM REV. E. LASCELLES

Beautiful Deep Blue, White Center

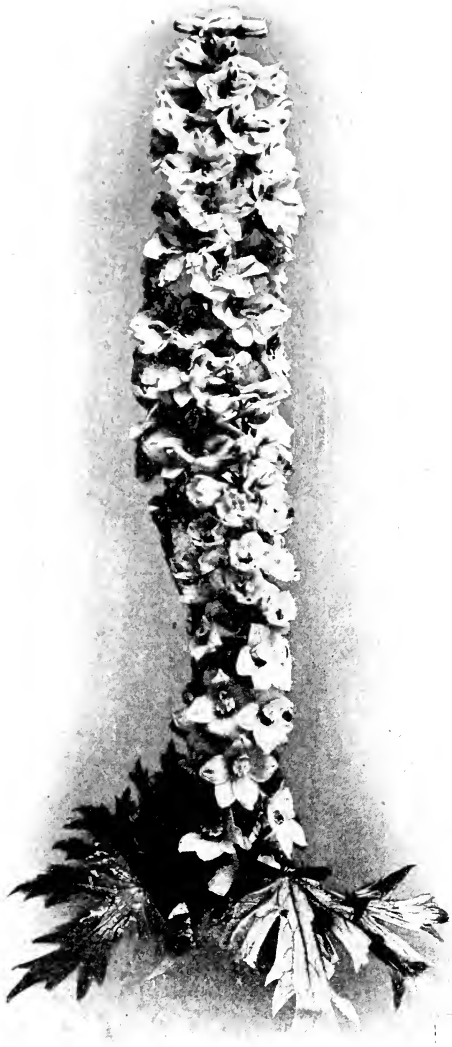
A particularly fine new addition to the already well known Delphiniums. We have had the plants of this excellent variety growing for the past three seasons, and they have been greatly admired by all who have seen them. The plants have been very shy in producing seed, but during the past season we have been quite successful in securing a stock which enables us to offer seed this year.

The flowers are quite double and of extra size, showing a beautiful deep blue color, with white center, producing an excellent contrast.

A large percentage of seed comes true, while the balance will undoubtedly produce some very choice hybrids.

Pkt. 25c.

We also have a limited number of plants which we offer should orders for same be received previous to March 1. Delivery to be made after April 1, 1914. Each $1.50.



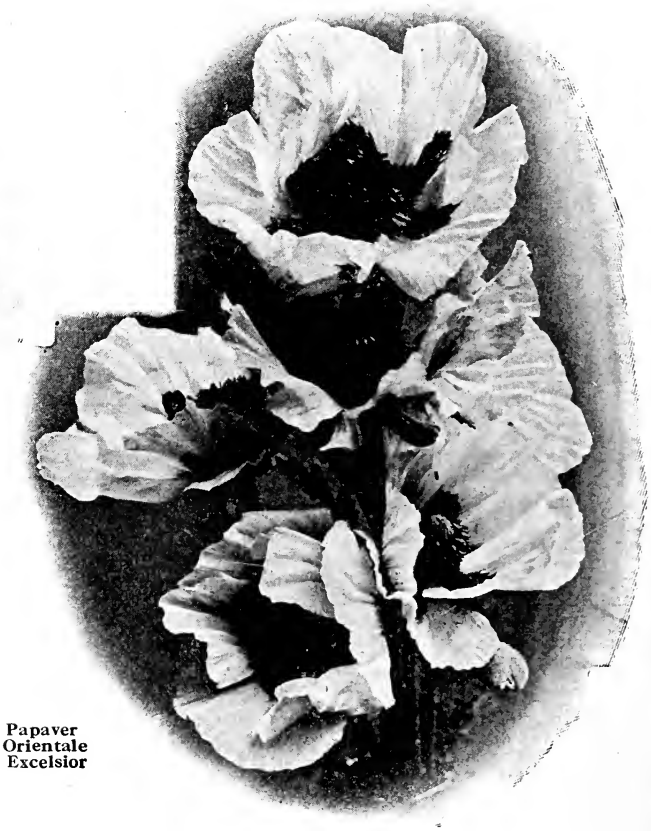
Delphinium Rev. E. Lascelles

PAPAVER ORIENTALE
"EXCELSIOR"
Choicest Hybrids

The Oriental Poppies are always welcome in any perennial bed, or even when grown by themselves. They are probably one of the easiest perennials to grow from seed, and the few fine varieties under cultivation at present all tend to dark shades.

In this choice strain of new hybrids, a great many new shades and colors are represented and are characterized in many of the delicate shades of pink and salmon to deep crimson. These hybrids have been selected from the choicest sorts obtainable from seed.

Pkt. 20c.



Papaver Orientale Excelsior

LOBELIA HYBRIDA SAPPHIRE

The increasing demand for new varieties of plants that will succeed well in window and piazza boxes, and which are useful as trailers for hanging baskets and vases, must naturally attract attention to such useful and ornamental species as the Lobelia.

The accompanying illustration represents a new and novel addition to the interest family.

The blossoms of the Lobelia Sapphire are of extra size, usually measuring ¾ inch across, and are very thickly set on the long, graceful sprays of foliage; these sprays often attain a length of two feet. The flower in color is of a deep sapphire blue (from whence it derives its name) and in addition the large and well defined white eye, which occupies about one-third of the corolla, makes a very pleasing contrast and is quite effective.

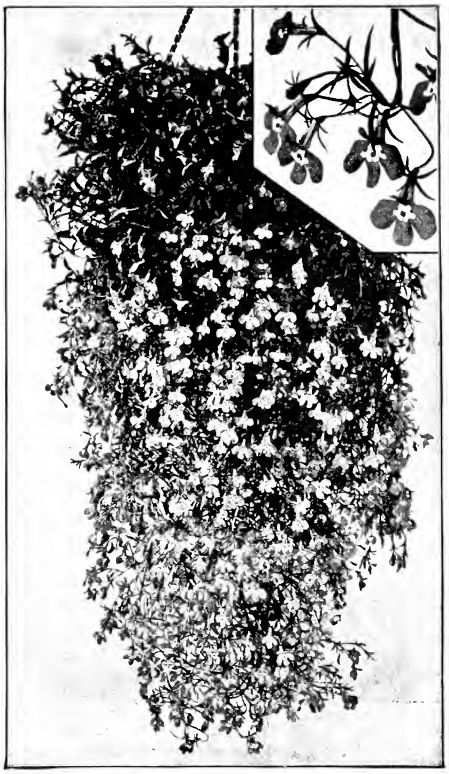
The seed if sown in September should commence to bloom about April in the greenhouse, and if sown during January the plants should flower during the latter part of May or June and continue till late Autumn. **Pkt. 25c.**

STOCK Large-Flowering Winter "WHITE LADY"

This new Winter-flowering Stock is undoubtedly one of the best of recent introductions; the plants attain a height of 20 to 25 inches, producing exceptionally large central spikes, very freely branched and assuming the shape of a pyramidal bouquet. The flowers appear much earlier than other varieties of Stocks and continue flowering for a longer period; the doubleness of the blooms is very striking, producing 60 to 65 per cent. true double flowers.

The Stock White Lady will grow in the open garden, as well as indoors, making one of the finest varieties that can be grown for outdor decorations and cutting. **Pkt. 20c.**

Lavatera splendens Sunset



Lobelia hybrida Sapphire

LAVATERA SPLENDENS

"SUNSET" Deep Rose Pink

The Lavatera is one of the best of the beautiful varieties of Mallow, and is of particularly easy culture. Lavatera should be more generally grown both for its graceful habits and its excellent cutting qualities. This new variety, which adds another distinct color to the varieties now used, will surely be admired.

The color is a very deep rose pink of charming brightness. The habit of the plant it greatly improved, being more compact and attaining a height of 2½ feet.

Very effective when used as cut flowers, and is especially valuable on account of its lasting qualities. It is also greatly admired as a bedding plant.

Pkt. 20c.

SALVIA CANARY BIRD

New Yellow Salvia

This new addition to our family of Salvias should be a very welcome variety and of a color that will contrast very readily with the famous Salvia splendens, or Scarlet Sage. A great many shades of the deep reds, scarlets, pinks, violets and blues have been produced, and this seems to be the variety which has been lacking until now.

The rich yellow flowers are borne on slender stalks with the foliage of a deep green, which, undoubtedly, presents a favorable contrast. **Pkt. 25c.**

ASTER NOVELTIES

Aster, Branching, Pale Yellow

ASTER, BRANCHING
PALE YELLOW

While the Branching Aster is not uncommon to flower-loving people, this new color should prove a very pleasing addition to our already complete list now offered.

This new variety has the same general habits of its family, the lateness of its flowering and great length of stem rendering it particularly valuable in the Autumn.

The color is a distinct delicate yellow and a shade that has not appeared in this type of Aster before.

Pkt. 25c.

ASTER UNICUM

In this peculiar type of Aster we are pleased to offer the colors Malmaison-rose and salmon, both being of pleasing shades. The plants in habit are quite similar to those of the Hohenzollern type, but the long, thread-like appearance of the petals is particularly odd, and quite different from those of previous origin.

The variety Electric, while offered in our regular list of Asters, may also be classed in this type, making three colors in all.

Malmaison-rose, pkt. 20c.
Salmon-colored, pkt. 20c.

ASTER
Arlington Prize Mixture

Our choicest selected mixture of the finest varieties of Asters including all of the types from the earliest blooming to the latest and comprising all of the various colors. This mixture is designed for those desiring flowers from July until frost.

Pkt. 10c., ⅛ oz. 60c., oz. $4.00.

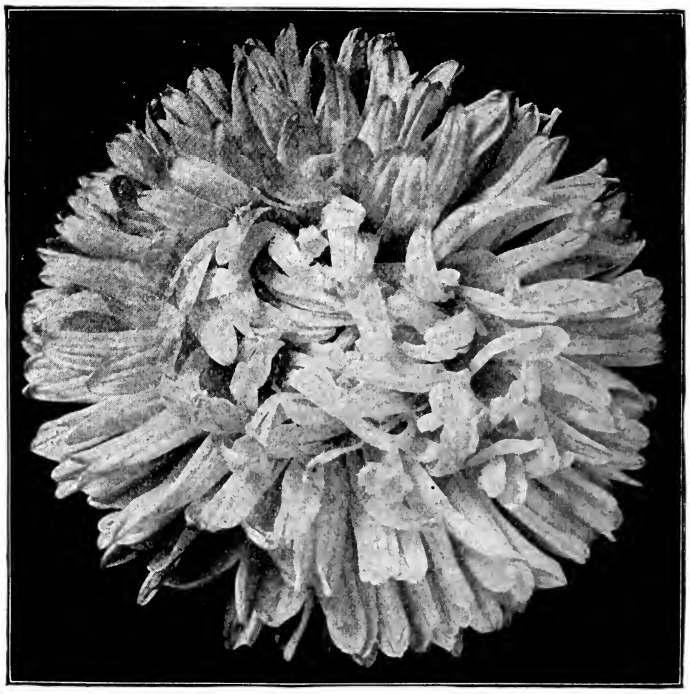
ASTER AUTUMN GLORY
Very Late-Branching. Pure Sea-Shell Pink

This new variety is very similar in color to the well-known Semple's Pink, with which almost every Aster grower is well acquainted. The flower is better and more substantial, and of deeper color, which is retained while most of the other varieties of the same shade have a tendency to fade. The plants are of larger and stronger type and of true branching habit.

This variety is not intended to supersede the many well-known sorts now being used, except as to its lateness of blooming, which is its particular characteristic, the other varieties being early flowering. It is particularly valuable in producing exquisite flowers when the others are depreciating and not giving suitable blooms, thus filling a want when flowers for cutting are somewhat scarce, before good quality Chrysanthemums are produced. The blooms are very double and the stems of unusual length and strength.

Pkt. 25c., two pkts. 40c.

Complete List of Asters
See pages 74, 75 and 76



Aster, Autumn Glory

ASTER
TRIUMPH COMET

White, Shell Pink, Lavender, Rose, Purple

The five colors offered this year of this splendid new class of midseason Asters, bearing full double flowers of the choicest type, with center showing spiral effect. The blooms are large and fluffy, borne on long, straight stems. The flowering season of the Triumph Comet type is between the extra early sorts and the branching varieties. Plants grow fairly tall and have an upright habit.

The Aster Triumph Comet has better qualities than the heretofore offered Upright Comet, both in size and growth of plant, stem and perfection of bloom.

Pkt. 25c., two pkts. 40c.

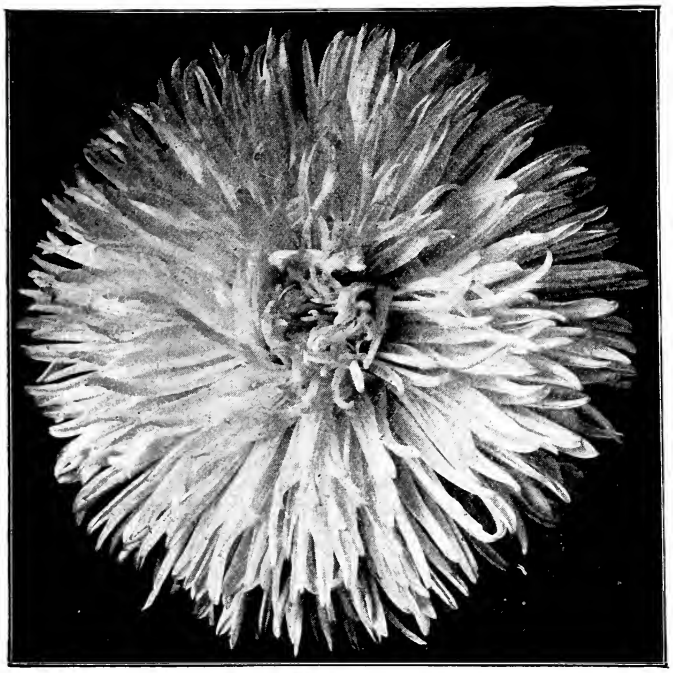
Aster, Triumph Comet

ASTER
WHITE PERFECTION

One of the finest white Asters for Midsummer cultivation. The plants are extremely strong growing, producing from ten to twelve large flowers, usually measuring 4 inches in diameter and of a fine form.

The flower when first opened is strongly whorled, the petals being broad and somewhat folded lengthwise, usually making them appear narrow; the outer rows are straight, while the center still retains the whorled effect.

Pkt. 20c., two pkts. 35c.



Aster, White King

ASTER
WHITE KING

This new Aster is similar to the Rose King in type of flower, but differing in growth, the White King assuming the upright form and acquiring the strength and vigor of the branching class, also blooming about the same time.

The stems are long, varying in length from fourteen to twenty inches and producing very few side shoots, thereby enabling the full strength of the plants to be given in developing their exquisite flowers.

Pkt. 20c., two pkts. 35c.

ASTER
PINK ENCHANTRESS

The flower of this new variety is always full double, the petals being very broad and of medium length, the ones toward the center folding in while those toward the outer edge gradually stand out more and more, the outside petals straightening out almost flat, thus making the bloom develop its exceedingly large size; it is, without doubt, as large as may be expected from the best Asters. As the plants are not of the branching but more of the upright habit, their growth is very vigorous and they produce long, graceful stems to support their enormous flowers.

Pkt. 20c., two pkts. 35c.

Centaurea moschata rosea

CENTAUREA MOSCHATA ROSEA

Pink Sweet Sultan

In Summer-flowering annuals the Centaurea is always near the head of the list, and the variety Moschata, or Sweet Sultan, ranks among the choicest, and a new color in this family is readily appreciated.

The plants attain a height of 30 to 32 inches. The flowers when opening show a reddish white with brilliant rose filaments and pistil gradually turning to a charming tendre rose; the stems are long and straight, making this new variety valuable for cutting and bouquet purposes. Plants, like the rest of the Centaurea family, are of great durability, producing bloom until late Autumn.

Pkt. 20c.

PAPAVER

SOMNIFERUM LACINIATUM, fl. pl.

Bright Carmine on White Ground

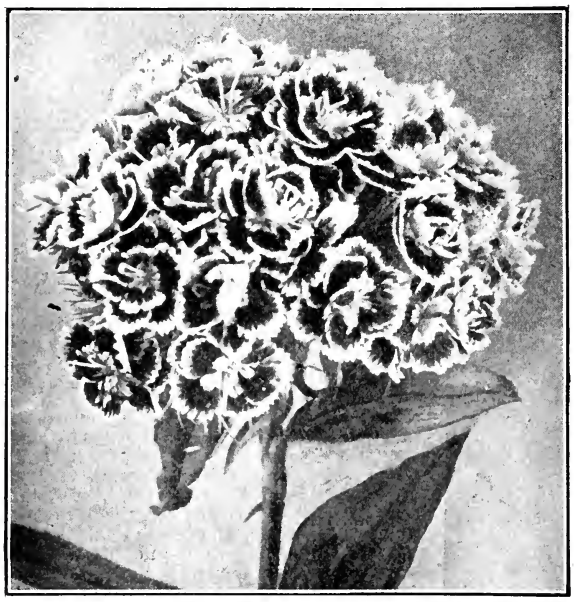
A splendid variety of the double Poppy, which hitherto has had only a few distinct colors but to which may now be added another. This new introduction may be classed among the choicest varieties.

The color is a rich bright carmine, softened by the white ground; while the petals are finely pinnated and feathered, producing a pleasing combination.

The Poppy is a very easy annual to grow, and this variety should thoroughly recommend itself.

Pkt. 20c.

Papaver somniferum laciniatum fl. pl.



Sweet William, Double Salmon

SWEET WILLIAM

Two Choice Varieties

DOUBLE SALMON

The Sweet William, which is so common to almost everyone, needs but very little introduction, but a new shade of this popular flower must naturally be appreciated.

The flowers are of good size, of a rich salmon coloring, producing fine clusters or flower heads, and extremely double.

Plants make a very sturdy and robust growth, with long flower stems, while the foliage shows a beautiful deep green.

This is a particularly fine variety to add to the long list of Sweet Williams now in existence.

Pkt. 20c.

SCARLET BEAUTY

The color of this new Sweet William is an intensely rich, deep scarlet, almost identical in color with Euphorbia splendens, and quite different from all other scarlet varieties.

The plant has the same habits and growth as Pink Beauty and is really a selection from that variety.

Pkt. 20c.

VERBENA GRANDIFLORA
HELEN WILLMOTT

Since the introduction of this superb Verbena some few years ago it has been unequaled. The color is a pretty bright salmon rose, with pure white eye.

We have tried to procure seed of this variety before, but have been unable until this season. Plants grown from this seed produce flowers most of which are the true Helen Willmott color.

This variety of Verbena is undoubtedly the handsomest under cultivation and is unequaled for bedding. **Pkt. 20c.**

COSMOS LADY LENOX
Pure White

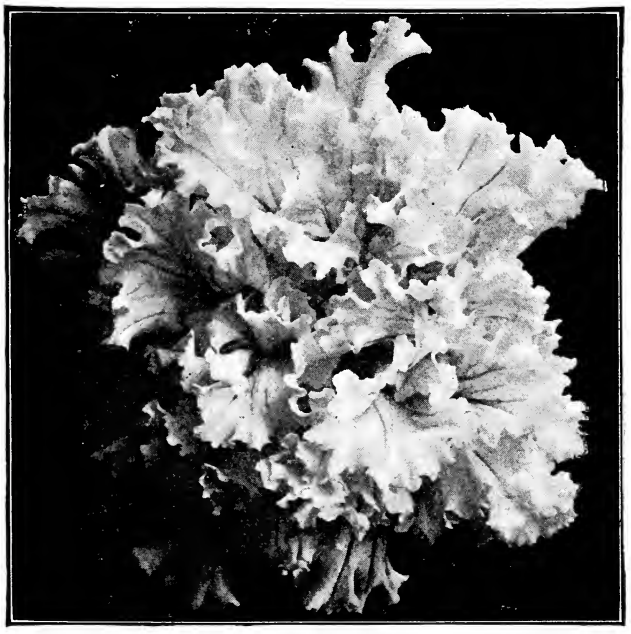
A new color of the beautiful Lady Lenox Cosmos, having the same good characteristics as the pink variety, producing large, delicate blooms which measure from four to five inches across, borne on long, graceful stems. Plants grow from six to seven feet tall. Both varieties are excellent for late flowers for bouquet or table use. **Pkt. 15c.**

CARNATION GIANT MARGUERITE
Golden Yellow

A much improved strain is this new Golden Yellow Giant Marguerite Carnation over the original varieties of Marguerite Carnations.

The color is of a more intense yellow, with stems much stronger, holding the flowers more erect, which increases their value as cut flowers.

The doubleness of the blooms is also a marked improvement, greatly enhancing their value. **Pkt. 25c.**



Petunia, Double Seed-Producing

Verbena, Helen Willmott

PETUNIA
NEW DOUBLE SELF-SEED-PRODUCING

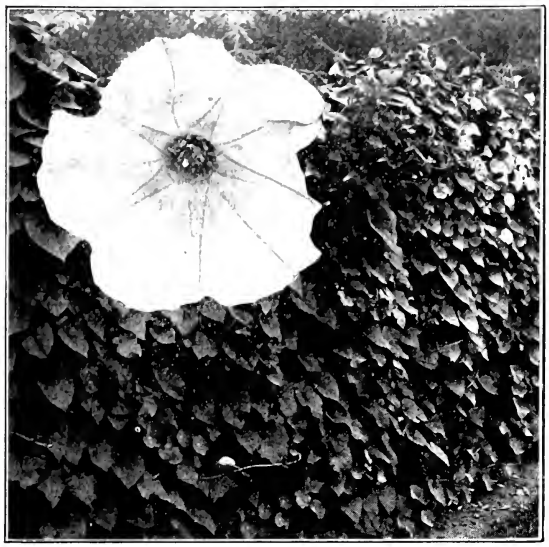
An entirely new departure in the growing of Double Petunias. This new strain is quite unique, especially so when the seed pods appear from the flower of a plant which has never borne seed from its double variety. It therefore produces a greater percentage of true double flowers from its own seed, the originator advising us that at least 75 per cent. is attained and this not as high a percentage as this characteristic Petunia is entitled to.

The flowers are of an enormous size, perfectly double and equally as free flowering as the old original varieties which are raised from the single varieties, artificially pollenized from the double flowers, which has been the only process by which Double Petunias have previously been grown from seed. Most stocks in the past have been increased from cuttings. Almost all of the known colors of Double Petunias show in this new variety, while the lighter shades are the predominating feature.

The flowers are of a particularly delicate texture, thereby enhancing their beauty.

We believe this New Double Seed-producing Petunia should have the attention of every lover of this old-fashioned flower.

Pkt. 50c.



Convolvulus althæoides floribundus

CONVOLVULUS ALTHAEOIDES

PERENNIAL MORNING GLORY

A very beautiful climbing plant, of which the trailing stems attain a height of five to seven feet.

The flowers are produced in great abundance, blooming continually until frost; of a soft, pink color, the blooms being erect and bell-shaped.

Its special value wherever planted is to cover rockwork, banks, tree stumps, arbors and trellises.

This new variety, which succeeds well almost everywhere, prefers a rather light, well-drained soil.

Pkt. 20c.

SCHIZANTHUS

HYBRIDUS GRANDIFLORUS

Violet Red with White Eye

The originator in selecting this new and novel color from his vast assortment of Schizanthus has succeeded in introducing a most pleasing shade and a very fascinating variety.

The blooms are very large, of a brilliant violet red of lighter or darker shading, each flower showing a large white eye, which is a peculiarity of the Schizanthus, finely veined.

Some of the flowers show a golden yellow margin, the white eye enriching the whole appearance.

The plants possess the general characteristics of the recent introductions, having a dwarf and compact growth, each plant growing very symmetrical and producing a profusion of delicate blooms. **Pkt. 20c.**

Schizanthus hybridus grandiflorus

Petunia, Dwarf Large-Flowering Fringed

PETUNIA

DWARF LARGE-FLOWERING FRINGED

This new introduction is one that will fill a long felt want, especially so in a fringed dwarf Petunia, which cannot but make an excellent plant for bedding, borders, piazza and window boxes. These plants only grow about eight to ten inches high, freely branching from the base, thereby making a very compact plant which does not require tying.

The flowers are borne well above the foliage, appear in all the colors well known to Petunias, and are beautifully fringed.

The increasing demand for a compact fringed Petunia will no doubt make this a welcome addition to the florist's list; will make a very desirable pot plant.

Pkt. 25c.

GIANT ZINNIA

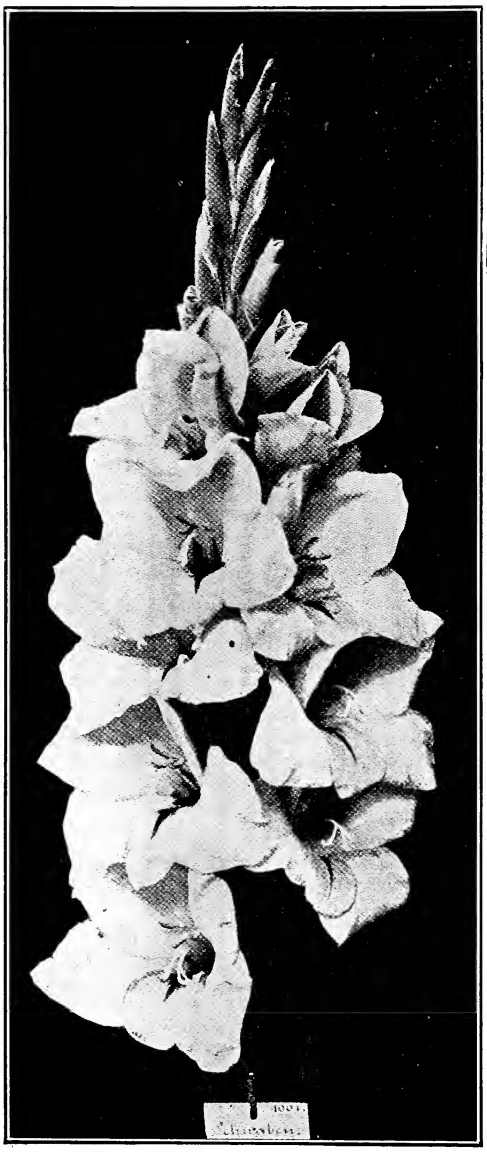
White—Golden Yellow—Scarlet

The plants are of exceedingly robust habit.

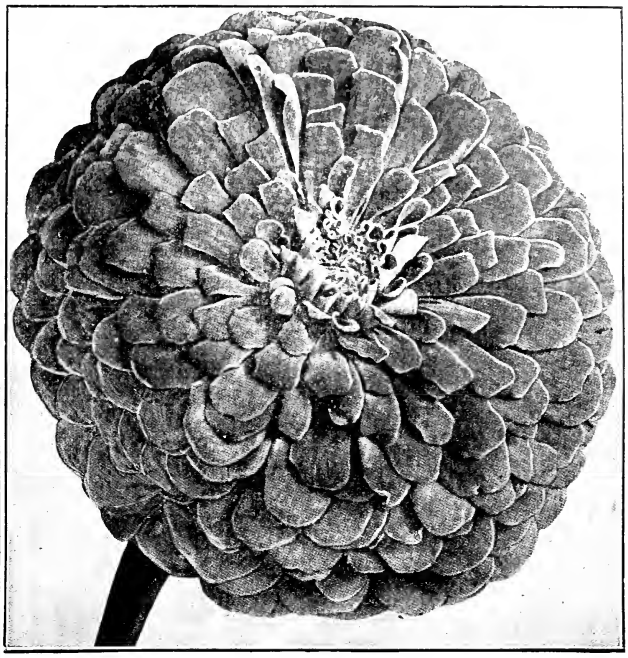
The flowers are borne on long, stiff stalks, of a semi-globular form, are mostly very double, and, together with their immense size, produce a very marked effect.

The flowers, as the illustration will indicate, measure from five to six inches across, this being by no means unusual. Zinnias being a very popular flower for bedding and old-fashioned gardens, and also of special value for cutting purposes, these new colors cannot but make a valued addition to our already standard varieties.

Pkt. 15c. each.



Gladiolus Schwaben



Giant Zinnia grandiflora robusta plenissima

NEW GLADIOLI

SCHWABEN

Yellow Gladiolus (1913). The flowers of this striking new Gladiolus are of a pure canary yellow, shading to a soft sulphur yellow when opening; the golden yellow center is blotched with a brilliant brownish carmine. Flowers open 6 to 8 at one time. About twenty finely-formed flowers are produced on extremely strong stalks. The foliage is large and vigorous, of a beautiful dark green, which, combined with the brilliant sulphur-colored flowers, makes it very effective for groups and beds. Strong bulbs usually produce from two to three stalks, each throwing a side branch, which greatly extends the flowering period. The brownish blotch is very deeply set in the throat, hardly making any appearance unless each individual flower is examined. Recommended as the best growing and largest flowering yellow sort offered at the present time. Strong bulbs.

Each $1.00, doz. $11.00.

EUROPA

The finest pure white Gladiolus. This new variety is of perfect form, produced on strong, stiff, tall spikes, usually bearing from 20 to 25 pure white blooms. The flowers open very rapidly and it is not uncommon to have from ten to twelve of these open at the same time; the formation is very close and compact, making a perfect spike from the time when the first bud opens until the last. The color is the result of great painstaking and is a perfectly pure white. The finest pure white variety we have ever seen or grown. Europa has obtained many awards of merit.

Each $1.00, doz. $11.00.

SANS PAREIL

Awarded First-Class Certificate of Merit. An exceptionally striking introduction with its immense flowers varying from four to five inches in diameter.

Color a very bright orange rose, slightly striped with vermilion, large white blotch.

Each $1.00, doz. $11.00.

Complete Gladiolus Varieties, Pages 116-119.

Suburban Wild Garden Mixture

Our mixture of seeds for the Wild Garden has gained great favor, and has proved a marked success with a great many of the amateur and professional gardeners by its particularly pleasing varieties, blooming so continuously throughout the Summer, and is comprised of such varieties as will produce a most brilliant contrast of colors. To those who have usually planned for fancy and decorative flower gardens and carefully planned borders, and who know the volume of time and labor required, to have the best possible effect produced, we feel justified in recommending for use the "Suburban Wild Garden Mixture"; also to those who cannot give the required attention.

The beautiful results obtained from this mixture, and the little amount of time and labor required in the sowing of same, make this Suburban Wild Garden one of the most desirable and at the same time least expensive flower gardens.

This mixture is especially adapted for waste places, or rather corners and extra patches where weeds seem to predominate and nothing of value seems to find a place, and where the soil is moderately rich.

Suburban Wild Garden Mixture is composed of the best flowering annuals which are both for cut flower use and bedding effects and contains at least over two hundred varieties.

One of the pleasing features of this mixture is the fact that as the season advances something different seems to come to bloom; something not looked for, indicating some later variety.

SUBURBAN WILD GARDEN, Tall Mixture. Pkt. 15c., oz. 25c., ¼ lb. 75c., lb. $2.50.
SUBURBAN WILD GARDEN, Dwarf Mixture. Pkt., 15c., oz. 25c., ¼ lb. 75c., lb. $2.50.

Suburban Garden Collections

Annuals During the Spring months we have daily many calls for a collection of Flower Seeds that do well in a small suburban garden and produce flowers from early Summer until frost.

These collections of annuals have been carefully selected from varieties which are easily grown and well adapted for small or large gardens, and which will give continuous bloom from early Summer till late Autumn.

Such annuals as **Sweet Peas, Nasturtiums, Asters, Phlox, Zinnia** and other well-known varieties are included in the following collections, and nothing but our best strains of seed are used.

Collection of 20 Varieties..... $1.00 **Collection of 10 Varieties..... $0.50**

Perennials As the demand is steadily increasing for the flowers which do not require planting each season, we have carefully prepared the following collections which will, without doubt, give excellent satisfaction to those interested in this class of beautiful plants.

We advise planting the seeds of perennials as early as June and July, thereby enabling the grower to obtain much stronger plants which will become better established to withstand the Winter.

We include in the following collections such varieties as **Hollyhock, Columbine, Larkspur, Foxglove, Canterbury Bells** and the **Oriental Poppy.**

Collection of 20 Varieties..... $1.50 **Collection of 10 Varieties..... $0.75**

CLIMBERS AND TRAILERS (Annuals)

During past seasons we have had repeated calls for a complete list of climbing and trailing plants for various purposes, such as trellises, verandas, fences, rockeries, piazza boxes, and a great many other locatations where something is required to cover or trail around for different effects and we have therefore compiled the following list for those who may desire the information without having to hunt for the various assortment listed throughout the catalogue.

Pkt.

ADLUMIA cirrhosa (Mountain Fringe). H. B. Excellent climber with fern-like foliage and bearing rosy-lilac flowers, blooming the first season. 15 feet.....⅛ oz. $1.00 $0.05

BALLOON VINE. H. A. Climber; rapid grower; flowers white; seed-pods shaped like miniature balloons. 10 feet.....Oz. 30c. .05

BEAN. H. A. Climber. Flowers from July to September. Very ornamental, thriving in any ordinary soil.
- **Scarlet Runner.** 8 feet..... .05
- **White Runner.** 8 feet..... .05
- **Butterfly Runner.** 8 feet..... .10

CINNAMON VINE, see page 111.

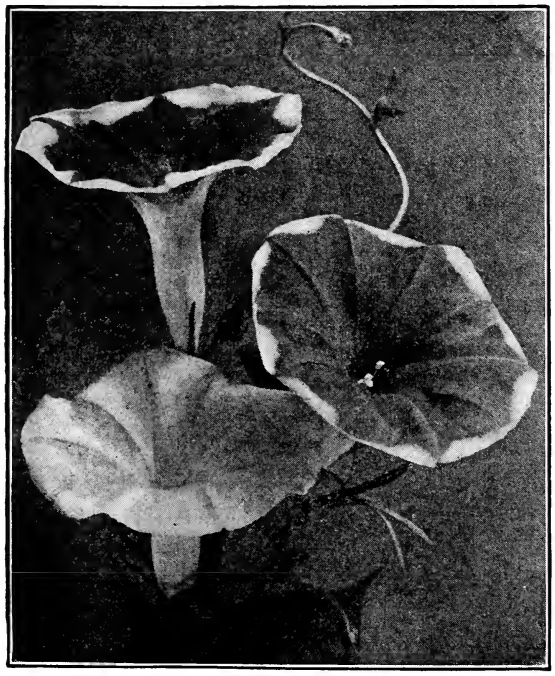
COBÆA. H. A. One of the best annual climbers, attaining a height of 15 feet. Flowers bell-shaped, about 3 inches in diameter. Fine for piazza trellises. Plants, see page 131.
- **scandens.** Rich purple.....Oz. 75c. .10
- **scandens alba.** White .....Oz. $1.25 .10

COCCINEA indica. H. A. Climber, bearing large white flowers; fruit when ripe is a rich scarlet. 8 feet.....Oz. $1.00, ¼ oz. 30c. .10

CYPRESS VINE. Finest Mixed. H. A. Rapid climber, having dark green, feathery foliage, bearing an abundance of star-like flowers. Fine for trellises and arbors. Oz. 30c. .05

DOLICHOS Lablab (Hyacinth Bean). Rapid growing climber; flowers borne in clusters.
- **Finest Mixed.** 10 feet.....Oz. 25c. .05
- **White.** 10 feet.....Oz. 25c. .05
- **Purple.** 10 feet.....Oz. 25c. .05

ECHINOCYSTIS lobata (Wild Cucumber). One of the quickest growing vines; fine for covering waste places and stone walls. 20 feet. Oz. 35c. .05



Japanese Morning Glory

Pkt.

GOURDS, Ornamental. H. A. Quick growing vines; excellent for covering arbors, walls and waste places. Growing in very curious shapes and useful for house ornaments.
- **Finest Mixed Varieties.** 15 ft. .....Oz. 25c. $0.05
- **Apple Shaped** (Maliformus). Striped..... .05
- **Bottle Shaped** (Lagenaria vulgaris). Light green.....Oz. 25c. .05
- **Cannon Ball** (L. rotunda).....Oz. 25c. .05
- **Citron Shaped** (Cucurbita limoniformis)..... .05
- **Dipper or Calabash.** .....Oz. 25c. .05
- **Dish Cloth** (L. Corsica).....Oz. 25c. .05
- **Egg Shaped** (Cucurbita ovifera). White.... .05
- **Gooseberry** (Cucumis grossularia)....Oz. 25c. .05
- **Hercules' Club.** Often 4 feet long....Oz. 25c. .05
- **Orange** (Cucurbita aurantiaca). Orange..... .05
- **Pear Shaped** (Cucurbita pyriformis)..Oz. 25c. .05
- **Powder Flask** (L. pyrotheca).....Oz. 25c. .05
- **Serpent** (Cucumis flexuosus).....Oz. 25c. .05
- **Striped Angora** .....Oz. 25c. .05
- **Chinese Red Turban** .....Oz. 25c. .05

HUMULUS (Japanese Hop). H. A. Climber. Of rapid growth. Fine for covering verandas and trellises, attaining a height of 12 feet.
- **Japonica.** White.....Oz. 50c. .05
- **Japonica variegata.** Foliage green and white. Very Ornamental .....Oz. $1.00 .10

IPOMŒA purpurea (Morning Glory). H. A. Climber. Excellent for verandas, trellises and arbors, flowering continually, making very rapid growth.
- **Finest Mixed.** 10 feet.....4 oz. 25c., oz. 10c. .05
- **cœrulea.** Blue. 10 feet.....Oz. 10c. .05
- **imperialis. Single Finest Mixed.** (Japanese Morning Glory) .....Oz. 30c. .10
- **imperialis** (New Day Glory). An improved Ipomœa, remaining in bloom throughout the day and containing all the variety of colors in the regular Japanese Morning Glory..... .15
- **Mexicana grandiflora alba** (Moon-Flower). White. Fragrant flowers opening at night. 30 feet.....Oz. 75c. .10
- **rubro-cœrulea.** Sky-blue. 15 feet....Oz. 75c. .10
- **Setosa.** Bright rose. Dense foliage....Oz. 75c. .10
- **Leari.** Deep blue. 15 feet.....Oz. $2.00 .10

KENILWORTH IVY (Linaria Cymbalaria). Tender perennial of trailing habit, bearing small violet flowers. Fine for hanging baskets and rustic designs. 8 inches..... .10

MADEIRA VINE, see page 114.

MAURANDYA. G. P. Twining vine, adapted to hanging baskets and window boxes. 3 feet.
- **Finest Mixed.** .....¼ oz. 50c. .10

MOMORDICA. H. A. Handsome tendril climbers, thriving in any good garden soil, bearing small, odd-shaped fruit.
- **Balsamina** (Balsam Apple). .....Oz. 50c. .05
- **Charantia** (Balsam Pear). .....Oz. 50c. .05

NASTURTIUM see page 94.

PHASEOLUS caracalla. A most beautiful climber, with fragrant bluish white orchid-like flowers in clusters; excellent for outside in Summer and conservatory in Winter..... .10

THUNBERGIA. H. A. Pretty trailing plants, mostly used for window boxes, vases and urns; foliage and flowers produce a striking effect.
- **alata.** Yellow, with dark eye. 5 feet..... .10
- **alba.** White, with dark eye. 5 feet..... .10

TROPÆOLUM Canariensis (Canary Bird Vine). Rapid climber, of easy cultivation, flowering continually all Summer; flowers of a bright canary yellow. .....Oz. 40c. .05

COMPLETE LIST OF
CHOICEST FLOWER SEEDS

Which Comprise all the Best and Latest Varieties Useful to Florists, Private and Amateur Gardeners

We list, on page 68, collections of Annuals which are easily grown in the home garden for those who are not familiar with the different varieties.

The following abbreviations are used throughout our list:

A. ANNUALS. Seed sown in Spring will flower and mature seed in one season.

H. H. A. HALF-HARDY ANNUALS. Seed should be sown in greenhouses or hotbeds during March and April and transplanted in open ground latter part of May.

H. A. HARDY ANNUALS. Seed may be sown in the open during March and April and will endure ordinary weather to October.

B. BIENNIALS. Seed should be sown from June to August, flowering the next season. Seeds of many varieties, if sown in February, will flower same season.

H. B. HARDY BIENNIALS. May be treated same as Hardy Annuals, flowering next season.

H. H. B. HALF-HARDY BIENNIALS. Seed should be sown in greenhouses or coldframes, transplanted in the open latter part of May and require protection during Winter.

P. PERENNIALS. Seed should be sown during July and August, flowering the next season and continuing to flower each succeeding year.

H. P. HARDY PERENNIALS. Do not require protection during Winter.

H. H. P. HALF-HARDY PERENNIALS. Require slight protection of leaves or boughs during Winter months.

G. P. GREENHOUSE PERENNIALS. Require the protection of hothouse during Winter.

G. A. GREENHOUSE ANNUALS. Require greenhouse temperature at all times and include such plants as Cineraria and Cyclamen.

No. Pkt.

10 **ABOBRA viridiflora.** H. H. P. Climber bearing scarlet fruit and glossy dark green foliage. 10 ft. .....Oz. $1.00 $0.05

ABUTILON (Chinese Bell Flower, or Flowering Maple). G. P. Greenhouse shrub and profuse bloomer. Valuable in the garden and an excellent house plant.

15 **Finest Mixed Varieties.** 4 ft. ..... .15

ACANTHUS. P. Ornamental foliage, bearing large flower spikes; excellent in masses on lawns.

20 **latifolius.** Purple. 3 ft. .....Oz. 50c. .10

25 **mollis.** White. 2 ft. .....Oz. 50c. .10

ACHILLEA (Sneezewort or Milfoil). H. P. Double, daisy-like flowers; blooms from June till October. Excellent for bouquets.

30 **The Pearl.** Pure white. 2½ ft. ⅛ oz. $2.00 .15

ACONITUM (Monkshood). H. P. Long spikes of helmet shaped flowers; excellent for shady locations. Page 137.

40 **Finest Mixed.** 3 ft. .....Oz. 60c. .05

45 **Napellus.** Blue. 3 ft. .....Oz. 75c. .10

50 **Napellus albus.** White. 3 ft....Oz. $1.25 .10

55 **Lycoctonum.** Yellow. 4 ft.....⅛ oz. 50c. .10

58 **Tauricum.** Dark violet. 3 ft...¼ oz. 50c. .10

ACROCLINIUM (Everlasting). H. A. Extensively used as a dried flower for house decoration. They should be gathered before fully open and tops hung downward to dry.

60 **album fl. pl.** Double white. 1 ft..Oz. 25c. .05

65 **roseum.** Rose. 1 ft. .....Oz. 25c. .05

70 **roseum fl. pl.** Double rose. 1 ft..Oz. 25c. .05

75 **ADENOPHORA Potanini.** H. P. Large flowers of light blue color, bell-shaped and of drooping habit. 2 ft..... .15

80 **ADLUMIA cirrhosa** (Mountain Fringe). H. B. Excellent climber with fern-like foliage and bearing rosy-lilac flowers, blooming first season. 15 ft. ⅛ oz. $1.00 .05

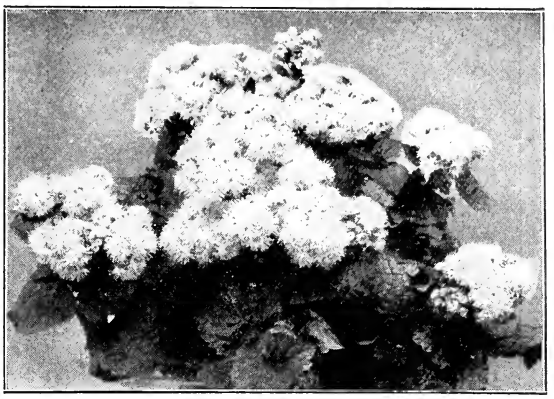
85 **ADONIS æstivalis** (Flos Adonis). H. A. Deep green foliage and scarlet flowers. .10

90 **autumnalis** (Pheasant's Eye). H. A. Flowers crimson, dark center. 1 ft. Oz. 25c. .05

95 **vernalis.** H. P. Finely cut foliage, bright yellow flowers, blooming early in May. .05

100 **AGATHEA cœlestis** (Blue Marguerite). Free-blooming tender perennial, with blue daisy-like flowers. Fine for Winter flowering. 1½ ft. .....¼ oz. 50c. .15

Alyssum, Little Dorrit



Ageratum, Dwarf Imperial White

Ageratum.

H. H. A. Flowers forming in heads and blooming continually all Summer. Valuable for borders and edgings. Tall varieties used for bedding.

No. Pkt.

103 **Rotkappchen.** New. Dwarf, compact, delicate rose color, shading darker. 9 in...$0.15

105 **Lasseauxi.** Rose colored. 18 in..Oz. $1.00 .05

110 **Mexicanum.** Light blue. 18 in....Oz. 50c. .05

115 **Mexicanum album.** White. 18 in..Oz. 40c. .05

120 **Blue Perfection.** Dark blue. 18 in..Oz. $1.25 .10

125 **Dwarf Imperial White.** 9 in.....Oz. 60c. .05

130 **Dwarf Imperial Blue.** Deep blue..Oz. 75c. .05

135 **Swanley Blue.** Fine for bedding. 9 in.. .10

140 **Little Dorrit.** Azure blue. 6 in..Oz. 75c. .10

145 **Little Blue Star.** Bright blue. 6 in..... .15

150 **Princess Victoria Louise.** Bright blue, white center. 8 in. .....Oz. $1.50 .10

AGROSTEMMA. Free-flowering plants of both Annual and Perennial sorts. Valuable for bedding and cutting purposes.

155 **Cœli-rosa** (Rose of Heaven). H. A. Bright rose. 18 in. .....Oz. 30c. .05

160 **Cœli-rosa alba.** H. A. White. 18 in.... .05

165 **Coronaria** (Mullein Pink). H. P. Dark blood red. 2 ft. .....Oz. 35c. .05

170 **Flos-Jovis** (Jove Flower). H. P. Bright pink. 18 in. ..... .10

175 **hybrida Walkeri.** H. P. Extra large; bright pink. 15 in. .....⅛ oz. $1.25 .15

ALONSOA (Mask Flower). H. H. A. Suitable for small beds and borders.

180 **Finest Mixed.** 1 ft. .....Oz. 35c. .05

ALOYSIA (Lemon-Scented Verbena). G. P. Fragrant foliage; useful for bouquets.

185 **citriodora.** 2 ft. ..... .10

Alyssum, Sweet.

H. A. One of the best known annuals; used extensively for bordering and edging, also valuable for cutting. Flowers from early Summer till late Fall.

195 **Benthami** (Sweet Alyssum). White. 10 in. 4 oz. $1.00, oz. 30c. .05

200 **Benthami compactum.** Dwarf white. 6 in. Oz. 75c. .05

205 **Little Gem.** Dwarf white. 4 in. Oz. 75c. .05

210 **"LITTLE DORRIT."** The very dwarfest Sweet Alyssum. This new variety forms a perfect little bush, with miniature white rocket flowers; a perfect gem for edging. .....Oz. $1.00 .10

215 **Carpet of Snow** (Procumbens). Pure white, very dwarf and sweet. 4 in. Oz. 75c. .10

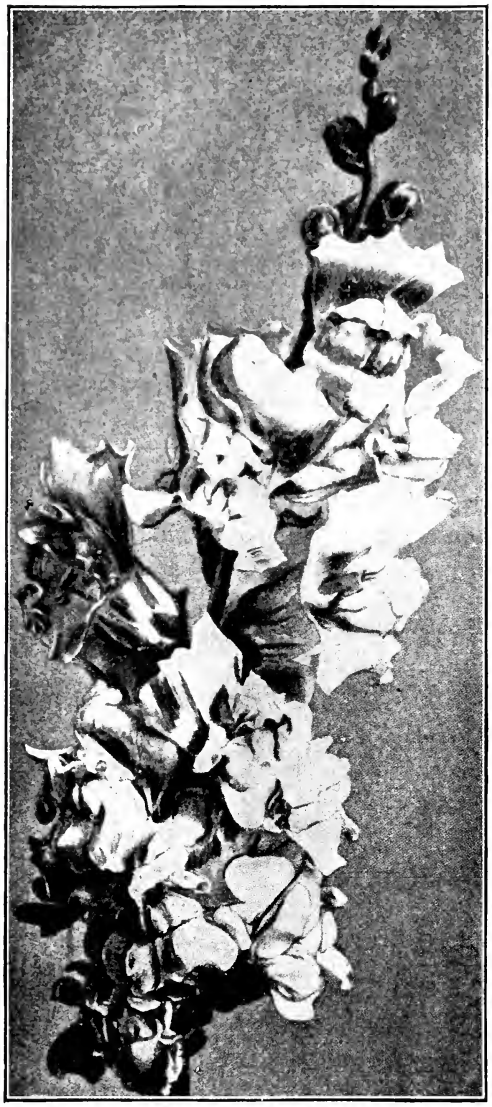
220 **saxatile compactum** (Gold Dust). H. P. Yellow. 9 in. Excellent for bordering perennial gardens. ..¼ oz. 20c., oz. 60c. .10

AMARANTHUS. H. A. Plants having brilliant foliage which are both useful and decorative.

225 **caudatus** (Love-Lies-Bleeding). Drooping crimson flowers borne in racemes. 2 ft. .....Oz. 35c. .05

230 **cruentus** (Prince's Feather). Dark red feathery flowers .....Oz. 35c. .05

235 **tricolor** (Joseph's Coat). Foliage green, variegated crimson and yellow. 2 ft. ¼ oz. 30c. .05



Snapdragon, Double White

No. Pkt.

240 **AMBROSIA Mexicana.** Sweet-scented annual, useful in bouquets. 1 to 1½ ft..Oz. 50c. $0.05

AMMOBIUM (Everlasting). H. A. Flowers when dried useful for cutting.

245 **alatum grandiflorum album.** White. 2 ft. .05

AMPELOPSIS. H. P.

250 **quinquefolia** (Virginia Creeper or Woodbine). Foliage turns scarlet in Fall. 50 ft. .....Oz. 50c. .05

255 **Veitchii** (Boston, or Japanese Ivy). One of the best hardy vines for covering brick or stone building; foliage dense, turning to scarlet in Fall.....Oz. 50c. .05

ANCHUSA. H. P. Flowers borne on spikes of a variety of blue shades. Useful in shrubbery and perennial gardens.

260 **"Dropmore Variety."** H. P. The bright blue Forget-Me-Not-like flowers are borne on graceful stems during the entire season and way late into the Fall. It is a great improvement over the existing varieties. Hardy perennial. 4 to 5 feet. .....⅛ oz. 75c. .20

270 **Barrelieri.** Deep blue, throat shaded white to pink. 2 ft. ..... .10

No. **ANCHUSA—Continued** Pkt.

275 **Capensis.** H. A. Azure blue. 2 ft.....$0.05

280 **Italica.** Deep blue. 3 ft.....Oz. $1.00 .05

285 **sempervirens.** Rich blue. 2 ft...Oz. 1.25 .05

ANEMONE. H. P. One of the most beautiful perennials, having a great variety of color and flowering in May and June.

290 **Single De Caen** (Wind Flower). Mixed. 9 in. .....¼ oz. 25c. .05

295 **St. Brigid** (Irish Anemone). Extra large. Mixed. 9 in. .....¼ oz. 50c. .15

300 **ANTHEMIS Kelwayi.** H. P. Bright yellow flowers, usually blooming all Summer. 2 ft. .....¼ oz. 30c. .10

ANTHERICUM. H. P. Large spikes, Lily-like flowers very fragrant and excellent for cutting.

305 **Liliago** (St. Bernard's Lily). Pure white. 15 in. .....¼ oz. 75c. .10

310 **Liliastrum** (St. Bruno's Lily). White, delicate spots .....¼ oz. 75c. .10

Antirrhinum. **(Snapdragon).** Half-hardy perennial and annual. One of the finest flowers for cutting in existence, bearing long spikes of gorgeously colored flowers. It is also grown extensively under glass in the Winter. Seed sown in the house or hotbed during February or March will flower in July and continue until frost.

Majus. Tall Growing. (3 feet.)

312 **Double White.** Novelty of 1912..... .20

315 **Finest Mixed.** .....¼ oz. 35c. .10

318 **Venus** (New). Delicate rose with white throat .....¼ oz. 75c. .10

320 **Pure White** (Queen Victoria). ¼ oz. 50c. .10

325 **Scarlet** (Firefly) .....¼ oz. 35c. .10

330 **Yellow.** .....¼ oz. 40c. .10

335 **Rose (Cottage Maid)** .....¼ oz. 35c. .10

340 **Delicate Rose.** .....¼ oz. 40c. .10

345 **Salmon Pink** (Self) .....¼ oz. 40c. .10

350 **Coll.** 6 varieties. ..... .50

Intermediate Varieties. (18 inches.)

355 **Dainty Queen.** Salmon chamois, yellow lip. .....¼ oz. 60c. .10

360 **Gloriosum.** Carmine, white throat..... ¼ oz. 50c. .10

365 **Queen of the North.** White..¼ oz. 40c. .10

370 **Black Prince.** Deep maroon..¼ oz. 50c. .10

375 **Golden Queen.** .....¼ oz. 50c. .10

380 **Brilliant Scarlet.** .....¼ oz. 40c. .10

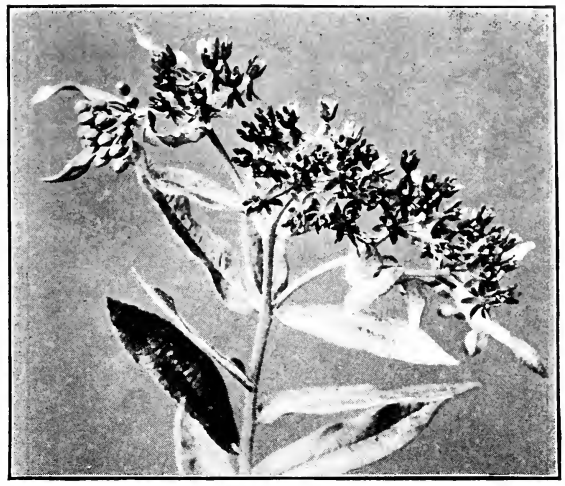
Anemone Japonica

No.	ANTIRRHINUM—Continued		Pkt.
385	**Pink Empress.** Deep rosy pink	¼ oz. 50c.	$0.10
390	**Coral Rose.**	¼ oz. 35c.	.10
395	**Finest Mixed.**	¼ oz. 35c.	.10
400	**Coll.** 6 varieties.		.50
	Dwarf Varieties. (12 inches.)		
405	**Pure White.**	¼ oz. 50c.	.10
410	**Scarlet.**	¼ oz. 50c.	.10
415	**Delila.** Carmine and white.	¼ oz. 50c.	.10
417	**Crimson.**	¼ oz. 50c.	.10
420	**Pink.**	¼ oz. 50c.	.10
425	**Yellow.**	¼ oz. 50c.	.10
430	**Finest Mixed.**	¼ oz. 40c.	.10
435	**Coll.** 6 varieties		.50

Aquilegia **(Columbine).** H. P. One of the most popular perennials, easy of cultivation and flowering from May to August. Very desirable for herbaceous borders and groups among shrubbery. Requires a moist soil. Roots, see page 137.

440	**ENGLISH LONG SPURRED HYBRIDS.**		
	Choicest Mixture. 3ft.	¼ oz. $1.00	.15
445	**Fottler's Select Hybrids**	¼ oz. $1.00	.15
450	**Single, Finest Mixed.** 3 ft.	Oz. 60c.	.05
455	**Double, Finest Mixed.** 3 ft.	Oz. 75c.	.05
460	**alba plena.** Double white. 3 ft.	Oz. 60c.	.05
465	**California hybrida.** Golden yellow. 2 ft.	¼ oz. $1.00.	.10
470	**Canadensis.** Scarlet and yellow. 2 ft.	Oz. $1.25, ¼ oz. 40c.	.10
475	**chrysantha.** Bright yellow. 2 ft.	Oz. $1.50	.10
478	**cœrulea candidissima.** New. Double white		.20
480	**cœrulea.** Violet blue and white. Extra large. 2 ft.	¼ oz. $1.25	.10
485	**cœrulea alba.** White. 3 ft.	¼ oz. $1.00	.10
490	**delicatissima.** A Columbine of the most delicate color, the delicate satin-rose of the spurs passing imperceptibly into the delicate light yellow of the crown. Extremely long spurs. 3 ft.	¼ oz. $1.50	.25

Arctotis grandis



Asclepia

No.	AQUILEGIA—Continued		Pkt.
495	**glandulosa vera.** Dark blue and white.		$0.25
500	**chrysantha grandiflora alba.** Pure white, long spurs. 2 ft.	¼ oz. $1.00	.20
505	**Helenæ.** Dark blue, long spurred. 2 ft.		.20
515	**Jætschaui.** Large yellow flowers, red spurs. 2 ft.	¼ oz. $1.00	.10
520	**Skinneri.** Large, scarlet tipped green, long spurs. 2 ft.	¼ oz. $1.00	.20
525	**Rose Queen.** Light to dark rose with white center, yellow anthers and long spurs. 2 ft.	⅛ oz. $1.25	.25
530	**Stuarti.** Dark blue, white corolla; extra large. 2 ft.		.25
535	**truncata.** Orange scarlet and yellow. 1½ ft.	⅛ oz. 60c.	.25
540	**ARABIS alpina** (Rock Cress). H. P. Flowers borne on erect spikes, pure white and blooming very early. 9in.	Oz. 75c.	.10
555	**ARCTOTIS grandis.** H. A. Daisy-like flowers, pure white with light blue center, often 3 inches across. 2½ ft.	¼ oz. 30c.	.10
565	**ARGEMONE grandiflora.** H. A. Large, pure white, poppy-like flowers, of easiest culture in any soil. 2 ft.	Oz. 50c.	.05
	ARISTOLOCHIA (Dutchman's Pipe). H. P. One of the best known hardy climbers, bearing curious pipe-shaped flowers of yellowish brown color. Large heart-shaped leaves. Roots, see page 151.		
570	**Sipho.** 30 ft.	Oz. $1.00	.25
	ARMERIA (Thrift, or Sea Pink). H. P. Pretty little plants for borders or edgings, growing in tufts.		
575	**formosa.** Deep rose; double. 6 in.		.05
580	**formosa alba.** Pure white; double. 6 in.		.05
	ASCLEPIA (Milkweed, or Swallow-Wort). H. P. One of the most showy perennials; excellent for shrubbery.		
590	**tuberosa.** Bright orange. 2 ft.	¼ oz. 60c.	.15
595	**Halli.** Pure white. 2 ft.		.20
	incarnata. Flesh color		.15
	ASPARAGUS. G. P. An excellent pot plant for conservatory or house decoration; the sprays when cut are very ornamental and used with various cut flowers. Plants, see page 13.		
600	**plumosus nanus.** Feathery, fern-like foliage. 18 in.	100 seeds, $1.00	.25
605	**Sprengeri.** Drooping, feathery foliage; excellent for hanging baskets.	Oz. $1.00	.15
610	**ASPERULA odorata** (Sweet Woodruff). H. P. Free-flowering plants which thrive well in shaded places. Flowers white, sweet-scented. 1 ft.	Oz. 60c.	.10
	ASPHODELUS (King's Spear). H. P. Thriving well in any soil, bearing long spikes of flowers		
615	**albus.** White. 2 ft.	⅛ oz. $1.00	.15
620	**luteus.** Yellow, sweet-scented. 2 ft.	¼ oz. 30c., oz. $1.00	.10

Aster, Triumph of Paris

ASTERS

Choice Selected Strains

ASTER PLANTS, see page 130.

No. **ARLINGTON PRIZE MIXTURE**

625 This special mixture which we offer comprises all of the types of Asters in our list; also all the varieties of colors, thus enabling the purchaser to secure the best assortment in a single package. **Pkt. 10c., ⅛ oz. 60c., oz. $4.00.**

No.			Pkt.
640	**TRIUMPH OF PARIS.** The flower is of Giant Comet type, very large, pure white, with beautiful golden yellow, quilled center.	⅛ oz. $1.00	$0.15
	MIKADO. Of fine branching habit, with very large flowers; the petals are long, narrow and twisted		.15
650	**PINK** (Rochester Pink). Flowers of an exquisite shade of shell-pink.		.15
653	**ROSE.** Beautiful rose pink....		.15
655	**WHITE.** Pure white.....		.15
660	**CACTUS, Celestine.** Early-flowered class, with narrow petals twisted at the ends and of a strikingly pure soft lilac color.....		.15
680	**AURORA.** Yellow, passing to old rose. The flower-petals first appearing are shaped similar to those of the "Comet" type and are a perfect yellow, when fully expanded it has a tint of delicate rose....	⅛ oz. $1.25	.25
690	**PINK BEAUTY.** A magnificent sort, of upright growth, with very large, delicate, blush-pink flowers from early in August into September.	¼ oz. $1.25	.10
	UPRIGHT. (BRANCHING.) An exceedingly superior variety, bearing very large flowers, double and firm. Stems long and straight, two feet or more in length.		
700	**White.**	¼ oz. $1.00	.10
710	**Purple.** Rich	¼ oz $1.00	.10
720	**Rose.** Bright rose.	¼ oz. $1.00	.10
730	**Flesh Pink.**	¼ oz. $1.00	.10
740	**ROSE KING.** Extra large, brilliant deep rose, long stems, plants very strong and robust.	¼ oz. $1.25	$0.20
745	**WHITE KING.** See Novelties page 63.		
750	**LAVENDER DAYBREAK.** A new and pleasing shade of lavender, silimar in growth and habit to the well known Daybreak.	¼ oz. $1.00	.10
760	**ROYAL PURPLE.** Particularly large flowers with full, well covered centers, and of a rich shade of royal purple. Plants of branching habit and medium to late flowering.	¼ oz. $1.00	.10
770	**VIOLET KING.** Petals somewhat resemble the quilled varieties, being larger and broader, those in the center being curled and incurved. Flowers generally four to five inches across....	¼ oz. $1.00	.10
780	**LAVENDER GEM.** A medium early variety of an exquisite shade of lavender, perfectly double. Plants erect in growth and of medium height.....	¼ oz. $1.50	.10
790	**HERCULES, White.** Enormously large, long-petaled flowers, 6 inches or more across.		.25
800	**MISS ROOSEVELT.** Flowers of perfect form, extra large in size, petals recurved; color rich yellow turning to delicate rose. 2½ ft.....	⅛ oz. $1.00	.15
810	**GENERAL JACQUEMINOT.** Rich deep crimson; very double, borne on long, erect stems, 2½ ft.....	¼ oz. $1.00	.10
820	**PURITY.** Extra large flowers; very double; color a pure white; branching habit. 2½ ft.	¼ oz. $1.25	.10
830	**DAYBREAK.** Extra large flowers; very double; color a beautiful shell pink; branching habit. 2½ ft.....	¼ oz. $1.25	.10
850	**ROSY CARMINE.** A particularly new and pleasing color of the branching type, the flowers being much larger; a fine keeper.	¼ oz. $2.00	.10
860	**DAWN OF DAY.** The earliest flowering Aster. Will flower by June 15, and if freely cut will continue to bear blooms until late in Fall. Branching in habit and pure white in color. Flowers are large and very double.....	¼ oz. $1.50	.20
870	**EARLY SNOWDRIFT.** One of the earliest, with immense, perfectly double snow-white flowers of the Ostrich Feather type; free bloomer. 2 ft.....	¼ oz. $1.00	.10

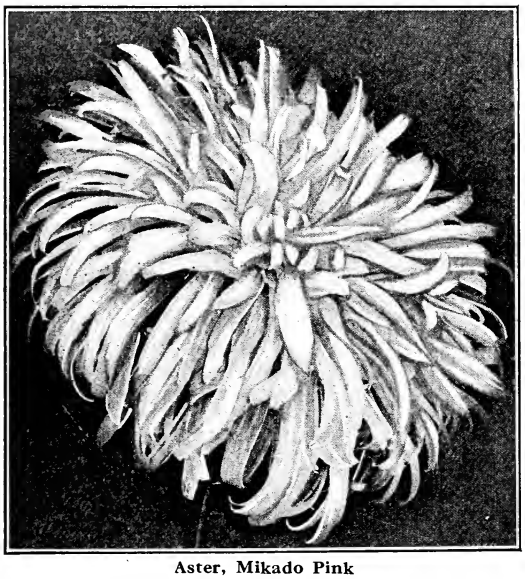
Aster, Pink Enchantress—*See page 63*

No.			Pkt.
880	**SUNSET.** Flowers large, double and globe-shape on long stems; the color is a delicate pink, shading to deep pink in the center. 2 ft.	¼ oz. $1.25	$0.10
890	**ELECTRIC WHITE.** A most beautiful, distinct type of Asters. The flowers are borne on long, erect stems, often 6 inches across, having long, divergent petals. Pure white.		.25
895	**BETTERIDGE'S QUILLED.** Flowers very double, finely quilled. 2 ft.		
	Finest Mixed.	¼ oz. 60c.	.10
900	**DWARF CHRYSANTHEMUM-FLOWERED.** One of the best dwarf varieties, of a great assortment of rich colors.		
	Finest Mixed. 18 inches	⅛ oz. 50c.	.10
905	**COCARDEAU, or CROWN.** Large, double flowers, having white centers surrounded with the most brilliant colors.		
	Finest Mixed. 2½ ft.	¼ oz. 75c.	.10

Crego. A giant in size, Comet in type. Petals are nearly twice the length of those of the older varieties, and are beautifully twisted and curled, giving an exceedingly fluffy appearance.

We use the originator's strain of seed.

920	**White**	¼ oz. $1.25	.10
921	**Shell Pink.**	¼ oz. 1.25	.10
922	**Rose Pink.**	¼ oz. 1.25	.10
923	**Blue**	¼ oz. 1.25	.10



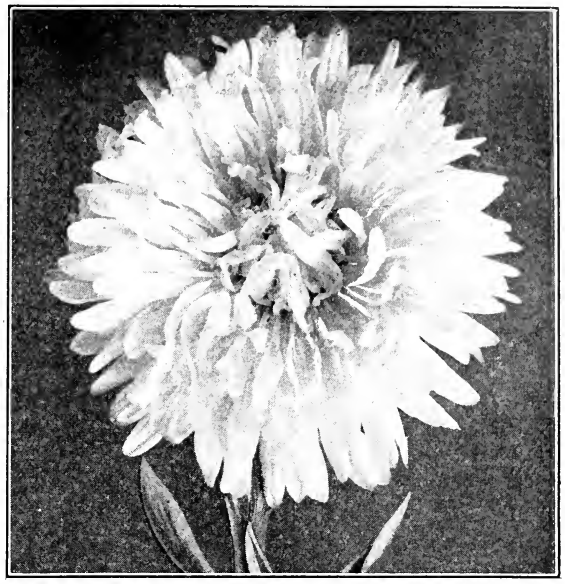
Aster, Mikado Pink

American Branching. Flowers extremely large with graceful, wavy petals borne on long stems. Plant is strong and robust, of branching habit. 2½ ft.

No.				Pkt.
930	**Finest Mixed.**	Oz. $2.50,	¼ oz. 75c.	$0.10
935	**Crimson.**	Oz. 2.50,	¼ oz. 75c.	.10
940	**Dark Blue.**	Oz. 2.50,	¼ oz. 75c.	.10
945	**Light Blue.**	Oz. 2.50,	¼ oz. 75c.	.10
950	**Rose-Pink.**	Oz. 2.50,	¼ oz. 75c.	.10
955	**Shell-Pink.**	Oz. 2.50,	¼ oz. 75c.	.10
960	**Scarlet.**	Oz. 2.50,	¼ oz. 75c.	.10
965	**Pure White.**	Oz. 2.50,	¼ oz. 75c.	.10
968	**Collection** of six varieties			.50

New Giant Comet. Flowers are extra large, with long, wavy, curled petals, similar to Japanese Chrysanthemum. Plants attain a height of 2½ ft.; branching habit and long stems.

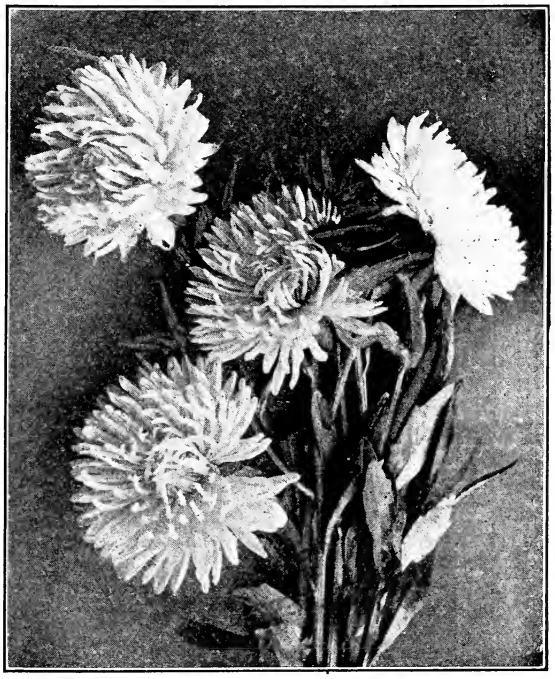
970	**Finest Mixed.**	Oz. $3.00,	¼ oz. $1.00	.10
975	**Crimson.**	Oz. 3.00,	¼ oz. 1.00	.10
980	**Dark Blue.**	Oz. 3.00,	¼ oz. 1.00	.10
985	**Light Blue.**	Oz. 3.00,	¼ oz. 1.00	.10
990	**Rose.**	Oz. 3.00,	¼ oz. 1.00	.10
995	**Scarlet.**	Oz. 3.00,	¼ oz. 1.00	.10
1000	**White.**	Oz. 3.00,	¼ oz. 1.00	.10
1005	**Sulphur Yellow.**	Oz. 3.00,	¼ oz. 1.00	.10
1010	**Collection** of six varieties			.50



Aster, Rawson's Midsummer

Rawson's Midsummer Aster. The flowers are borne on stout stems 24 to 30 inches in height, of excellent quality. The most valuable point about this variety is that it produces its fine flowers as early as beginning of August and continues until frost.

No.			Pkt.
1015	**Finest Mixed.**	¼ oz. $1.00	$0.10
1020	**Bright Rose.**	¼ oz. 1.00	.10
1025	**Purple.**	¼ oz. 1.00	.10
1030	**Lavender.**	¼ oz. 1.00	.10
1035	**Shell-Pink.**	¼ oz. 1.00	.10
1040	**Pure White.**	¼ oz. 1.00	.10



Aster, American Branching

Aster, Ostrich Feather

Queen of the Market.

An extra early variety, bearing large double flowers; plants of branching habit, having long stems. 2 ft.

No.				Pkt.
1050	**Finest Mixed.**	Oz. $1.25,	¼ oz. 35c.	$0.10
1055	**Crimson.**	Oz. 1.25,	¼ oz. 35c.	.10
1060	**Dark Blue.**	Oz. 1.25,	¼ oz. 35c.	.10
1065	**Light Blue.**	Oz. 1.25,	¼ oz. 35c.	.10
1070	**Rose.**	Oz. 1.25,	¼ oz. 35c.	.10
1075	**Peach-Blossom.**	Oz. 1.25,	¼ oz. 35c.	.10
1080	**White.**	Oz. 1.25,	¼ oz. 35c.	.10
1085	**Collection** of six varieties.			.50

Victoria Improved.

Flowers borne on long stiff stems of enormous size, very double and showy, with recurved petals. Fine exhibition variety. 2½ ft.

1100	**Finest Mixed.**	Oz. $4.00,	⅛ oz. 60c.	.10
1105	**Crimson.**	Oz. 4.00,	⅛ oz. 60c.	.10
1110	**Dark Blue.**	Oz. 4.00,	⅛ oz. 60c.	.10
1115	**Light Blue.**	Oz. 4.00,	⅛ oz. 60c.	.10
1120	**Peach-Blossom.**	Oz. 4.00,	⅛ oz. 60c.	.10
1125	**Delicate Rose.**	Oz. 4.00,	⅛ oz. 60c.	.10
1130	**Scarlet.**	Oz. 4.00,	⅛ oz. 60c.	.10
1135	**Pure White.**	Oz. 4.00,	⅛ oz. 60c.	.10
1140	**Collection** of six varieties.			.50

Hohenzollern Improved.

One of the newer varieties; branching; flowers borne on long stems and of enormous size. The petals are long, curled and of graceful form. 2½ ft.

1150	**Crimson.**	Oz. $4.00,	¼ oz. $1.25	.10
1155	**Dark Blue.**	Oz. 4.00,	¼ oz. 1.25	.10
1160	**Light Blue.**	Oz. 4.00,	¼ oz. 1.25	.10
1165	**Rose.**	Oz. 4.00,	¼ oz. 1.25	.10
1170	**White.**	Oz. 4.00,	¼ oz. 1.25	.10
1175	**Finest Mixed.**	Oz. 4.00,	¼ oz. 1.25	.10

Paeony-Flowered Perfection.

One of the best Midsummer Asters; excellent for exhibition and valuable for commercial and private use. Flowers full double, usually measuring four inches across. 2½ ft.

1200	**Finest Mixed.**	Oz. $3.00,	¼ oz. $1.00	.10
1203	**Apple Blossom.**	Oz. 3.00,	¼ oz. 1.00	.10
1205	**Blood-red.**	Oz. 3.00,	¼ oz. 1.00	.10
1210	**Brilliant Rose.**	Oz. 3.00,	¼ oz. 1.00	.10
1215	**Bright Scarlet.**	Oz. 3.00,	¼ oz. 1.00	.10
1220	**Dark Blue.**	Oz. 3.00,	¼ oz. 1.00	.10
1225	**Delicate Rose.**	Oz. 3.00,	¼ oz. 1.00	.10
1230	**Light Blue.**	Oz. 3.00,	¼ oz. 1.00	.10
1235	**Shining Crimson.**	Oz. 3.00,	¼ oz. 1.00	.10
1240	**Pure White.**	Oz. 3.00,	¼ oz. 1.00	.10
1245	**Collection** of six varieties.			.50

Ostrich Feather.

The flowers of this class resembles the Japanese Chrysanthemum with its long, curved, fringe-like petals, giving a feathery appearance; of immense size. 2½ ft.

No.				Pkt.
1250	**Finest Mixed.**	Oz. $3.00,	¼ oz. $1.00	$0.10
1255	**Crimson.**	Oz. 3.00,	¼ oz. 1.00	.10
1260	**Dark Blue.**	Oz. 3.00,	¼ oz. 1.00	.10
1265	**Light Blue.**	Oz. 3.00,	¼ oz. 1.00	.10
1270	**Lilac.**	Oz. 3.00,	¼ oz. 1.00	.10
1280	**Salmon-Rose.**	Oz. 3.00,	¼ oz. 1.00	.10
1285	**Pure White.**	Oz. 3.00,	¼ oz. 1.00	10
1287	**Collection** of six varieties.			.50

Chinese Single.

These are exceedingly showy for vase decorations; large, brilliant, daisy-like flowers, with yellow center; free flowering. 2 ft.

1290	**Finest Mixed.**	Oz. $2.00,	¼ oz. 60c.	.10
1295	**Crimson.**	Oz. 2.00,	¼ oz. 60c.	.10
1300	**Dark Blue.**	Oz. 2.00,	¼ oz. 60c.	.10
1305	**Light Blue.**	Oz. 2.00,	¼ oz. 60c.	.10
1310	**Rose.**	Oz. 2.00,	¼ oz. 60c.	.10
1315	**White.**	Oz. 2.00,	¼ oz. 60c.	.10

HARDY PERENNIAL VARIETIES.

1320 **ALPINUS speciosus.** H. P. Large purple flowers; easily grown from seed and if sown early will bloom first season. 3 ft. .10

1325 **NOVÆ-ANGLIÆ.** H. P. **Finest Mixed.** 3 ft. .10

1330 **PERENNIAL Hybrids. Finest Mixed.** 3 ft. .10

Plants of perennial varieties, see page 127.

BABY'S BREATH. See **Gypsophila.**

1340 **BALLOON VINE.** H. A. Climber; rapid grower; flowers white; seed-pods shaped like miniature balloons. 10 ft. .05

BALSAM. H. H. A. Plants of pyramidal growth, bearing rose-like flowers which cover the whole plant; flowers profusely all Summer. In soil well fertilized excellent results will be obtained. 2 ft.

1345	**Prize Winner Mixture.**	Oz. $1.50		.10
1350	**Prince Bismarck.** Delicate pink.	Oz. 1.50		.10
	Camellia Flowered—			
1355	**Scarlet.**	Oz. 1.50		.10
1360	**Yellow.**	Oz. 1.50		.10
1365	**Pure White.**	Oz. 1.50		.10
1370	**Dark Blue.**	Oz. 1.50		.10
1375	**Finest Mixed.**	Oz. 1.50		.10
1380	**Rose-Flowered—**			
	Finest Mixed.	Oz. 75c.		.05

Aster, Hohenzollern

No. Pkt.

1385 **BAPTISIA australis.** H. P. The pea-shaped flowers are produced on spikes six inches long; flowers indigo blue..... Oz. 75c. $0.05

1390 **BARTONIA aurea.** H. H. Flowers bright golden yellow, of metallic lustre; seed-pods curiously twisted. Adapted for partial shade and moist locations. 18 in. .....Oz. 75c. .05

BEAN. H. A. Climber. Flowers from July to September. Very ornamental, thriving in any ordinary soil.

1395 **Scarlet Runner.** 8 ft. ..... .05

1400 **White Runner.** 8 ft. ..... .05

1405 **Butterfly.** Runner. Large, pink and white. ..... .10

BEET. H. H. B. Used especially for its ornamental foliage; grows in any good garden soil; if grown in the garden makes a fine contrast with other plants. 2 ft.

1410 **Red Chilien.** .....Oz. 40c. .05

1415 **Yellow Chilien.** .....Oz. 40c. .05

Begonia Semperflorens Gracilis. These dwarf varieties are valuable for bedding. Seed sown in February or March make fine plants for bedding out in May and June. Foliage is shiny and wax-like. 8 to 12 in.

1420 **Prima Donna.** Flowers of a light rose, shading deeper towards center..... .25

1425 **Pink Beauty.** Delicate pink with dark foliage. ..... .25

1430 **Luminosa.** Large, bright, deep scarlet flowers; satiny brownish red foliage... .25

1435 **Alba.** Pure white. ..... .25

1440 **Vernon.** Scarlet flowers. ..... .25

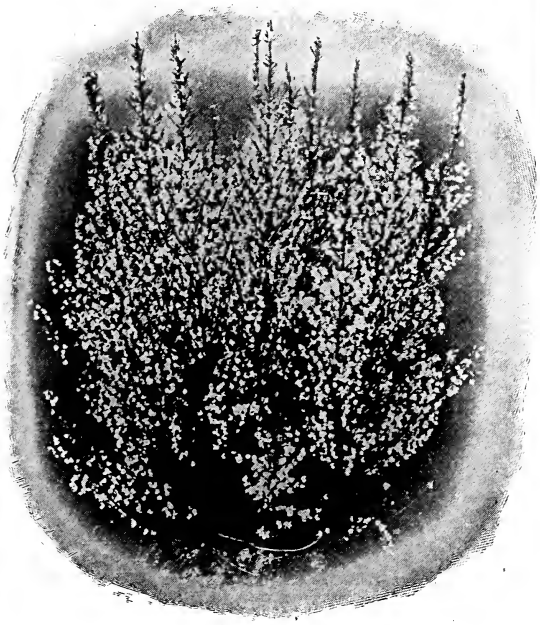
1455 **Erfordi grandiflora superba.** Plants compact and bushy, have glossy foliage and are literally covered with most delicate pink flowers. ..... .50

1460 **Erfordi rubra.** New. Deep red..... .50

Begonia, Tuberous-Rooted. Most beautiful Summer- and Autumn-flowering plants. For beds, borders or window-boxes they are unsurpassed, easily grown from seed and may be had in bloom in about six months. 1 ft. Choice assortment of bulbs, page 110.

1470 **Large-flowered, Single Mixed.** Prize strain. ..... .50

1475 **Large-flowered, Double Mixed.** Prize strain. ..... .50



Broom, White Gem

Bellis Perennis

No. Pkt.

BELLIS PERENNIS fl. pl. (Double Daisy). H. P. Flowering early in the Spring; very double. Fine for borders, requiring partial shade in hot weather.

1480 **Finest Mixed.** Extra. 4 in... ¼ oz. $1.25 $0.10

1485 **Longfellow.** Bright rose. 4 in. ¼ oz. $1.50 .15

1490 **Snowball.** Pure white. 4 in.. ¼ oz. 1.50 .15

1495 **Giant Red. Maxima fl. pl.** Extra fine. 4 in. .25

BELVIDERE. See **Kochia tricophylla.**

1510 **BOLTONIA latisquama.** H. P. Profusion of flower heads, allied to the single Aster; pale blue in color, attaining a height of 6 ft. .....⅛ oz. 75c. .15

1512 **BROOM, White Gem.** Pure white Genista-like flowers, borne on long, upright branches for the entire length. Best results are obtained by sowing the seed in gentle heat during April and planting out early part of June..... .15

BROWALLIA. H. A. Excellent free-flowering, Verbena-like flowers. Flowers all Summer in the open, also excellent house plants for Winter use. 18 in.

1515 **Finest Mixed.** .....Oz $1.00 .10

1520 **elata cœrulea grandiflora.** Light blue.. .10

1525 **ELATA PUMILA ALBA.** New. Dwarf, pure white; excellent for borders. 10 in. .20

1530 **speciosa major.** Extra large; deep blue. .15

1535 **BUPHTHALMUM salicifolium** (Ox-Eye Daisy). H. P. Golden yellow flowers having brown center. .....¼ oz. 40c. .05

1540 **CACALIA coccinea** (Tassel Flower). H. A. Showy trusses of bright scarlet, tassel-like flowers, blooming profusely from July to October. 18 inches..... .05

1545 **CALANDRINIA Chromantha.** H. A. Very pretty dwarf growing plants, with Portulaca-like flowers, thriving best in a light, dry soil. Seed should be sown in gentle heat about March or in the open about the middle of May. ..... .05

Calceolaria. Flowers borne in clusters of pocket-like lobes of various self colors and handsome spotted varieties. Especially adapted for house and greenhouse culture, making excellent exhibition plants. Our strains are unsurpassed in color. 2 ft.

1550 **Superb English Mixture.** Special strain. .50

1555 **Self Colors in Mixture.** 2 ft..... .50

1560 **Spotted in Fine Mixture.** 2 ft..... .50

1565 **rugosa, or Shrubby.** Yellow and brown; bedding variety. ..... .50

Calendula

No.			Pkt.
	CALENDULA. H. A. Large double flowers, blooming all Summer, closing somewhat at night and opening slightly on cloudy days; flowers borne on long, stiff stems. 2 ft.		
1570	**Double, Finest Mixed.**	Oz. 35c.	$0.05
1575	**Orange King.**	Oz. 40c.	.05
1580	**Meteor.** Orange, striped primrose.	Oz. 30c.	.05
1585	**Prince of Orange.** Deep orange	Oz. 40c.	.05
1590	**Lemon Queen.** Clear lemon yellow	Oz. 35c.	.05
1595	**Pongei.** Double white.	Oz. 40c.	.05
1600	**CALIFORNIA GOLDEN BELLS** (Emmenanthe penduliflora). An annual with pretty foliage and charming spikes of dainty yellow flowers like Lilies of the Valley; fine for bouquets. 1 ft.		.15
	CALLIOPSIS. (Or Coreopsis.) One of the most effective of our hardy annuals; very showy in open garden and excellent for cutting; flowers borne on individual stems 18 inches in length. Worthy of a place in every garden. 2 ft.		
1610	**Finest Mixed.**	Oz. 25c.	.05
1615	**atrosanguinea.** Velvety dark crimson		.05
1620	**bicolor tinctoria.** Yellow, with brown center.	Oz. 30c.	.05
1625	**coronata.** Yellow, with crimson spots		.05
1630	**Drummondi** (Golden Wave). Yellow, maroon center.	Oz. 40c.	.05
1635	**grandiflora.** H. P. Large yellow flowers produced abundantly from June to October.	Oz. 75c.	.10
1640	**lanceolata.** H. P. Large; extra fine yellow.	¼ oz. 50c.	.10
	Hardy Perennial varieties in plants, see page 138.		
	CALIFORNIA POPPY. See **Eschscholtzia.**		
1645	**CALLIRHOE involucrata** (Poppy Mallow). Large crimson flowers of spreading habit. Excellent for rockeries. 1 ft.		.05

Campanula—Bellflower. H. P. Not only is this one of our best known hardy perennials, but it deserves a place in every garden collection. Tall vareties fine for cutting, while dwarf make excellent border plants. Plants, see page 138.

No.	CAMPANULA—Continued		Pkt.
1650	**Carpatica.** Bright blue; borne on erect stems. 6 in.	Oz. 50c.	$0.05
1655	**Carpatica alba.** Pure white. 6 in.	Oz. 60c.	.05
1660	**glomerata acaulis.** Deep blue. 6 in.	¼ oz. 75c.	.25
1665	**Longistyla.** Rich violet blue, drooping, slightly incurved, quite floriferous. Plants loosely branching flower stems.		.25
1670	**Mariesii.** Rich violet. 18 in.	¼ oz. 30c.	.10
1675	**persicifolia grandiflora cœrulea.** Deep blue; extra long, erect stems. 2 ft.		.15
1680	**persicifolia grandiflora alba.** Pure white. 2 ft.	⅛ oz. $1.50	.15
1685	**persicifolia grandiflora fl. pl. Moerheimi.** Double white. 2 ft.		.25
1690	**persicifolia grandiflora** (The Fairy). Azure blue. 2 ft.		.25
1695	**pyramidalis** (Chimney Bell). Blue, 6 ft.		.05
1700	**pyramidalis alba.** Pure white. 6 ft.	¼ oz. 20c.	.05
1705	**rotundifolia** (Scotch Bluebell). Deep blue. 18 in.	⅛ oz. $1.00	.10

Campanula Media. (Canterbury Bells). H. B. Plants grow in pyramidal form, bearing in profusion large, bell-shaped flowers. Very showy in mixed borders or among shrubbery. Seed sown in February will flower first season; sown in July will flower following season.

1715	**English Prize Mixture.** 3 ft.	¼ oz. 25c.	.05
1720	**Single Delicate Lavender.** 3 ft.	¼ oz. 25c.	.05
1725	**Striped.** 3 ft.	¼ oz. 25c.	.05
1730	**Dark Blue.** 3 ft.	¼ oz. 25c.	.05
1735	**Rose.** 3 ft.	¼ oz. 25c.	.05
1740	**Rosy Carmine.**	¼ oz. 35c.	.05
1745	**White.** 3 ft.	¼ oz. 25c.	.05
1750	**Finest Mixed.** 3 ft.	¼ oz. 25c.	.05
1755	**Imperialis.** Excellent for forcing, with exceptionally choice assortment of colors.	Oz. $1.00, ¼ oz. 30c.	.15
	Calycanthema (Cup and Saucer). 2 ft.		
1760	**Blue.**	¼ oz. 75c.	.10
1765	**Rose.**	¼ oz. 75c.	.10
1770	**White.**	¼ oz. 75c.	.10
1775	**Finest Mixed.**	¼ oz. 75c.	.10
1780	**Medium. Finest Double Mixed.** 3 ft.	Oz. $1.50	.05
	CANARY BIRD VINE. See **Tropæolum Peregrinum.**		

Campanula Calycanthema

Candytuft H. A. Very showy for borders; flowers form in spikes; plants of branching habit. One of the best cut flowers for bouquets. Our strains of Candytuft are the best obtainable.

No.			Pkt.
1800	**Finest Mixed.** 1 ft.	Oz. 30c.	$0.05
1805	**Dunnetti Crimson.** 1 ft.	Oz. 30c.	.05
1810	**Giant Empress.** White; extra large. Fine for forcing. 2 ft.	Oz. 60c.	.05
1815	**Fiske's Giant White Perfection.** New. An extra fine, mammoth pure white, with long spikes usually from six to ten on each stem; best variety for forcing.	Oz. $1.00	.10
1820	**Giant Hyacinth-Flowered.** Pure white; fine truss. 2 ft.	Oz. 50c.	.05
1825	**Purple.** 1 ft.	Oz. 30c.	.05
1830	**carnea.** Flesh pink. 1 ft.	Oz. 35c.	.05
1835	**Rose Cardinal.** New. Very rich, striking color; deep rosy cardinal.	Oz. $1.00	.15
1840	**Little Prince.** Dwarf, pure white. 6 in.		.10

PERENNIAL VARIETIES

CANDYTUFT. H. P. Plants very compact, blooming early in the Spring; excellent for bordering perennial gardens.

1845	**Gibraltarica.** Large white, tinted pink. 6 in.	¼ oz. $1.00	.10
1850	**sempervirens.** Pure white; glossy green foliage. 6 in.	¼ oz. $1.00	.10

CANNA. H. A. Excellent for its ornamental foliage and long spikes of brilliant flowers. Used extensively for bedding. Bulbs and Plants see page 130.

1855	**Tarrytown.** One of the best dwarf growing varieties, attaining a height of 3 ft. with monstrous trusses of bright red flowers.		.25
1860	**Bronzed-Leaved Varieties. Finest Mixed.** 8 ft.	Oz. 25c.	.05
1865	**Crozy's New Large-Flowering. Finest Mixed.**	Oz. 35c.	.05

CARNATION. See **Dianthus.**

CASTOR OIL BEAN. See **Ricinus.**

Candytuft, Giant White Perfection

Celosia cristata—Cockscomb

No.			Pkt.
	CELOSIA. Plumed Varieties.		
1870	**Thompsoni magnifica nana.** New. A beautiful dwarf variety of the well-known Plumosa Thompsoni; the plant only grows about 1 ft. in height, while the flowers produce a brilliant array of colors from brilliant yellow to the darkest blood-red...	¼ oz. $1.75	$0.10
	Plumosa Thompsoni (Feathered Cockscomb). H. A. For ornamental purposes this class is one of the most beautiful; entire plant covered with rich plumes of most striking colors.		
1875	**Golden Yellow.** 2 ft.	¼ oz. 60c.	.10
1880	**Carmine.** 2 ft.	¼ oz. 60c.	.10
1885	**Scarlet.** 2 ft.	¼ oz. 60c.	.10
1890	**Crimson.** 2 ft.	¼ oz. 60c.	.10
1895	**Finest Mixed.** 2 ft.	¼ oz. 60c.	.10

CELOSIA, or COCKSCOMB.

cristata nana. Flowers produced in large comb-like heads of most brilliant colors. Easy of cultivation; valuable for borders and bedding. Plants of the scarlet and crimson make a fine effect interspersed among perennials for rich colorings.

No.			Pkt.
1900	**Dwarf, Finest Mixed.** 6 in.	⅛ oz. 60c.	$0.10
1905	**Glasgow Prize.** Crimson; dark foliage. 6 in.	⅛ oz. 75c.	.10
1915	**Empress. New Giant Crimson.** 6 in.		.10
1920	**Scarlet.** 6 in.	⅛ oz. 75c.	.10
1925	**Sulphur Yellow.** 6 in.	⅛ oz. 75c.	.10
1935	**Tall, Finest Mixed.** 2 ft.	Oz. 60c.	.05

Celosia Thompsoni magnifica nana

Centaurea (Bachelor's Button, Cornflower, Blue Bottle, or Ragged Sailor). One of the most popular of our garden annuals, blooming continually all Summer. Seed may be sown either in Spring or Autumn. Thrives well in poor soil; for best results plants should be thinned to 8 in.

No.			Pkt.
1950	**CYANUS, Finest Mixed.** 2 ft.	Oz. 30c.	$0.05
1955	**Emperor William.** Deep blue. 2 ft.	Oz. 35c.	.05
1960	**Rose.** Bright rose. 2 ft.	Oz. 30c.	.05
1965	**White.** 2 ft.	Oz. 30c.	.05
	CYANUS fl. pl. (Double Bachelor's Button). **Double.**		
1970	**Emperor William.** True deep blue	Oz. $1.25	.10
1975	**White.**	Oz. 1.00	.10
1978	**Rose Pink.**	Oz. 1.00	.10
1980	**Mixed.**	Oz. 1.00	.10
	IMPERIALIS. (Giant Cornflower). H. A. Flowers very fragrant, of immense size and great variety of colors.		
1985	**Finest Mixed.** 2 ft.	Oz. $1.00	.10
1990	**White.** 2 ft.	Oz. 1.50	.10
1995	**Lilac.** 2 ft.	Oz. 1.50	.10
2000	**Brilliant Rose** (Favorita). 2 ft.	Oz. 1.50	.10
2005	**Pink, White Center.** 2 ft.	Oz. 1.50	.10
2010	**Purple** (Graziosa). 2 ft.	Oz. 1.50	.10
	MOSCHATA (Sweet Sultan). H. A. Fragrant flowers; very showy.		
2015	**Finest Mixed.** 2 ft.	Oz. 50c.	.05
2020	**Blue.** 2 ft.	Oz. 50c.	.05
2025	**White.** 2 ft.	Oz. 50c.	.05
2030	**Suaveolens.** Yellow. 2 ft.	Oz. 50c.	.05
2035	**Americana.** H. A. Flowers lilac-purple, often 4 inches in diameter, flowering from June to September	Oz. $1.50	.10
2040	**Marguerite** (Giant White Cornflower). H. A. 2 ft.	Oz. $1.50	.10
2045	**odorata Chameleon.** H. A. Light yellow shading to rosy-lilac. 2 ft.	Oz. $3.00	.10
2050	**Babylonica.** H. P. Bright yellow. 3 ft.		.10
2055	**montana.** H. P. Deep purple 2 ft.		.10
2058	**Montana Alba.** H. P. Pure white, fine sort.		.10
2060	**candidissima** (Dusty Miller). H. H. P. Silvery foliage being heavily clothed with a white downy covering. Used extensively for bordering and baskets. 1 ft.	¼ oz. 50c.	.10
2065	**gymnocarpa** (Dusty Miller). H. H. P. Fern-like foliage with silvery covering. 1 ft.	Oz. $1.00	.05
2080	**CERASTIUM tomentosum** (Snow in Summer). H. P. Foliage perfectly white and small white flowers; its growth is very dense, making it desirable for edgings and rockeries.		$0.10
	CHELONE (Shell Flower). H. P. Flowers grow in long spikes and succeed in any ordinary good garden soil.		
2085	**Barbata Torreyi.**	¼ oz. 50c.	.10

Chrysanthemum. ANNUAL. Plants of easy cultivation, very showy and excellent for cutting, flowering from June till frost.

2090	**Finest Mixed, Single.** 2 ft.	Oz. 50c.	.05
2095	**Finest Mixed, Double.** 2 ft.	Oz. 75c.	.05
2100	**Single, Lord Beaconsfield.** Crimson and yellow.	Oz. 40c.	.05
2102	**Morning Star.** Primrose yellow.	Oz. 50c.	.10
2103	**Evening Star.** Golden yellow	Oz. 60c.	.10
2105	**The Sultan.** Deep scarlet. 2 ft.	Oz. 40c.	.05
2110	**Burridgeanum tricolor.** White, crimson ring. 2 ft.	Oz. 50c.	.05
2115	**Eclipse.** Yellow, crimson ring	Oz. 50c.	.10
2120	**WELLS' NEW EARLY SINGLE.** A most beautiful strain, from this well-known specialist, producing the greatest variety of colors.		.25
2125	**carinatum hybridum.** Double fringed. **Finest Mixed.**	Oz. $1.00	.05
	PERENNIAL VARIETIES.		
2130	**Japanese Early Flowering. Finest Mixed.**		.10
2145	**Snowball. New.** Extra fine double white, excellent for cutting.		.15
2150	**Maximum** (White Ox-eyed Daisy). Large flowers. 3 ft.	¼ oz. 60c.	.10
2155	**King Edward VII.** Large; pure white.		.10
2160	**Burbank's Shasta Daisy, Hybrids.** Flowers pure white, borne on long, stiff stems.		.25
2165	**uliginosum** (Giant Daisy). One of the best of the later perennials, flowering from August to October.		.10

Centaurea Cyanea Emperor William

Cineraria Hybrida. G. A. Among the most useful and ornamental of plants that can be grown for hothouse or conservatory decoration. Sow seed from July to September. Young plants require cool location and abundance of water, especially when coming into flower.

No.		Pkt.
2170	**Fottler's Exhibition Mixture.** This strain is unsurpassed for size and assortment of gorgeous colors, including self, ringed and margined, colored flowers.	$0.50
2180	**hybrida grandiflora nana. Dwarf, Finest Mixed.** Same as above, but only attaining a height of about 15 in.	.50
2185	**stellata** (Star-flowered Cineraria). Very effective pot plants, flowers smaller than preceding varieties, but more numerous, borne on long, erect stems.	.50
2190	**candidissima** (Dusty Miller). Silvery foliage and used for vases and hanging baskets. 1 ft. Oz. 30c.	.05
2195	**maritima** (Dusty Miller). Silver gray foliage; fine for edging. Oz. 30c.	.05

Clarkia Elegans

No.		Pkt.
	CLARKIA. H. A. Flowers are borne along the woody stem. Plants attain a height of 15 inches; of branching habit and easy of cultivation. Worthy of a place in every garden.	
2200	**elegans.** Double, Finest Mixed. Oz. 25c.	$0.05
2205	**Salmon Queen.** Delicate pink. Oz. 50c.	.05
2210	**Double White.** Oz. 50c.	.05
	CLEMATIS. H. P. Well-known climbers, remarkable for the beauty and fragrance of their blossoms. One of the best climbers for verandas in existence. Plants, see page 151.	
2215	**paniculata.** A vigorous grower, and covered in the latter part of the Summer with a perfect cloud of star-like fragrant white flowers. Oz. $1.00	.10
2220	**Jackman's New Hybrids.** Newest large-flowered sorts, producing, in profusion, flowers 4 to 7 inches across ¼ oz. 75c.	.25
	CLEOME (Spider Plant). Biennial used as an annual flowering the first season. Flowers are a delicate rose color. Seed should be sown in March indoors.	
2225	**gigantea hybrida.** Giant Hybrids in an assortment of colors, often 4 to 5 ft. in height. ¼ oz. 75c.	.10
2230	**pungens.** Delicate Rose. ¼ oz. 50c.	.10

Cineraria hybrida grandiflora nana

No.		Pkt.
2235	**CLERODENDRON Fallax.** Splendid greenhouse perennials, with scarlet flower-heads, resembling the Hydrangea. Seed sown in March produces flowers in September. 2 feet.	$0.50
2240	**CLIANTHUS Dampieri** (Glory Pea). A magnificent tender shrub, blooming freely through the Summer. The flowers are pea-shaped, large and of a brilliant scarlet color, black center. 3 ft.	.15
	CLOVE PINKS. See **Dianthus.**	
	COBÆA. H. A. One of the best annual climbers, attaining a height of 15 feet. Flowers bell-shaped, about 3 inches in diameter. Fine for piazza trellises and will grow indoors throughout the Winter. Plants, see page 131.	
2245	**scandens.** Rich purple. Oz. 75c.	.10
2250	**scandens alba.** White. Oz. $1.25	.10

Cobaea Scandens

No. Pkt.

2255 **COCCINEA indica.** H. A. Climber, bearing large white flowers; fruit when ripe is a rich scarlet. 8 ft. $0.10

COCKSCOMB. See **Celosia.**

COLEUS. Unsurpassed for bedding; beautifully colored foliage; easy of cultivation. Tender perennial. 18 in.

2260 **Hybrids, Finest Mixed.** ..... .25

2265 **Fine Mixed Varieties.** ..... .15

CONVOLVULUS major (Morning Glory). See **Ipomœa.**

COREOPSIS. See **Calliopsis.**

2270 **COSMIDIUM BURRIDGEANUM, ORANGE CROWN.** Handsome new annual, 1½ to 2 feet in height; flower-heads about 2 inches in diameter borne on long slender stems. Flowers golden yellow, with an orange circle around the disc. Excellent for bedding and cutting. ..... .15

Cosmos. This beautiful annual is one of the most showy and useful of our garden plants. Plants grow from 4 to 6 feet in height, and are very bushy and compact. Flowers borne on long delicate stems and are similar to single Dahlias. Foliage very finely cut. Excellent for cutting. Plants, page 131.

2280 **Lady Lenox.** Beautiful shell pink. Flowers are from 4 to 6 inches in diameter; stems from 1 to 3 feet long; plants strong and vigorous growers..... .15

Giant Early Flowering.

2285 **Finest Mixed.** Seed if sown in March and April will flower during July. Our seed is all grown in New England from our special strain. 4 ft. Oz. $1.00 .10

2290 **Crimson.** New. An exceedingly brilliant color, the only true crimson in early flowering variety. ....Oz. $1.50 .10

2295 **Pink.** Bright rose pink. 4 ft...Oz. 1.25 .10

2300 **White.** 4 ft. .....Oz. 1.25 .10

2305 **Tints of Dawn.** White ground, flushed with delicate rose. Early.....Oz. 75c. .10

Mammoth, Late.

2310 **Finest Mixed.** 6 ft.....Oz. 50c. .05

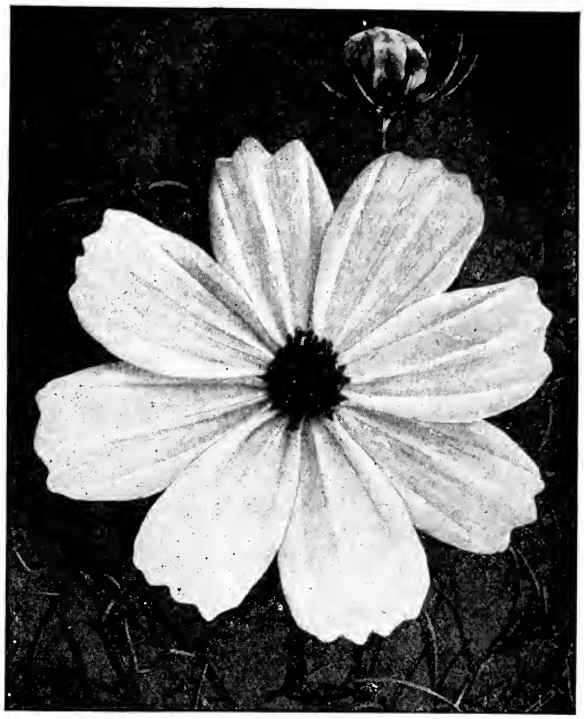
2315 **Pink.** 6 ft. .....Oz. 50c. .10

2320 **Crimson.** 6 ft. .....Oz. 50c. .10

2325 **White.** 6 ft. .....Oz. 50c. .10

2328 **Striped.** 6 ft. .....Oz. 50c. .10

2330 **Orange (Klondyke).** 6 ft.....Oz. $1.25 .10



Cosmos, Lady Lenox. Pure White—*See page 65*

CYCLAMEN

Fiske's Gold Medal Strain

Our strain of Giant Cyclamen, producing immensely large flowers, is surpassed by none. Our seed is grown by an expert in this special class of plants. For best results seed should be sown from September to February. Temperature required is between 50 degrees and 60 degrees F. Bulbs 2 inches in diameter can be obtained in one year.

No. Pkt.

2350 **Choicest Mixed.** Named varieties. $0.50

2355 **Blood Red.** (Giganteum). Rich deep red, very choice. .50

Album Violacea Striatum White streaked and flashed violet or rose..... .50

2360 **Brilliant.** (Giganteum). Extra, dark crimson..... .50

2365 **Dame Blanche.** (Giganteum). Pure white; large broad petals, very choice..... .50

2370 **Excelsior.** White with purple base. ..... .50

2373 **Glory of Wandsbek.** Beautiful salmon color..... .50

2375 **grandiflora alba.** (Giganteum). Giant pure white. Largest and best white.. .50

2380 **Mauve Queen.** Mauve..... .50

2385 **Mont Blanc.** (Giganteum.) Pure white..... .50

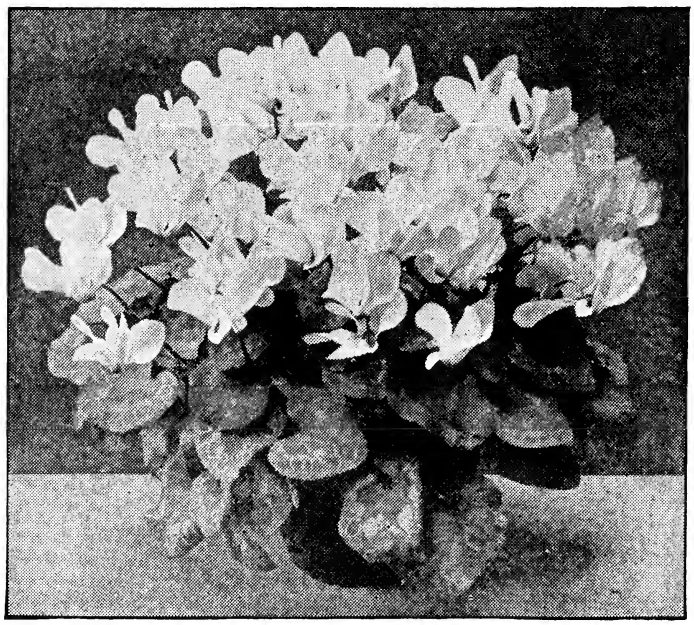
2395 **Princess of Wales.** Giant, deep pink, very free..... .50

2405 **Rosy Morn.** Delicate rose, tinted claret base. ..... .50

2415 **Giant Salmon King.** Extra beautiful salmon pink.... .50

2420 **Sunray.** Pink, with claret base. ..... .50

2425 **New Fimbriata. Finest Mixed.** Fine variety of colors; petals beautifully fringed .75



Cyclamen, Gold Medal Strain

No. Pkt.

2335 **COTTON.** A. Very ornamental plants for general garden; flowers large and pure white. Seed pods pointed and at maturity burst, showing a profusion of white down known as our commercial cotton, in the center of which are contained the seeds. .....Oz. 35c. $0.05

CUCUMBER, WILD. See **Echinocystis.**

2340 **CUPHEA Platycentra** (Cigar Plant). Pretty half-hardy perennial with bright scarlet tube-shaped flowers with black and white lip; excellent for garden or pot-culture. ..... .15

CYNOGLOSSUM. H. A. Pretty border plants, profuse in bloom and excellent for cutting. June to October. 1 ft.

2430 **cœlestinum.** Fine blue. .....Oz. 50c. .05

2435 **linifolium.** Pure white. .....Oz. 50c. .05

2440 **CYPERUS alternifolius** (Umbrella Plant). G. P. Aquatic plant used for house or greenhouse decoration. Leaves are borne on long stems at the top, opening in form of an umbrella. ..... .10

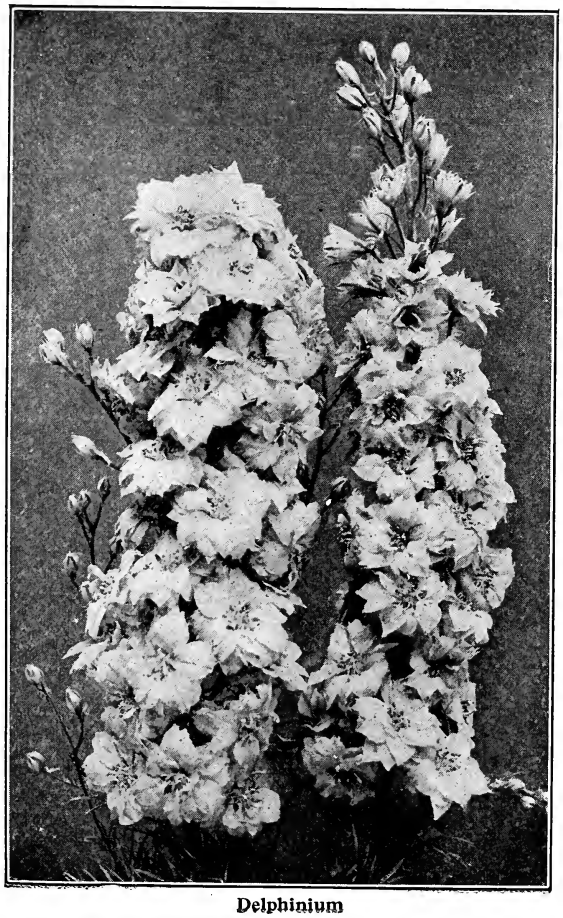
CYPRESS VINE. H. A. Rapid climber, having dark green, feathery foliage, bearing an abundance of star-like flowers. Fine for trellises and arbors.

2445 **Finest Mixed.** .....Oz. 30c. .05

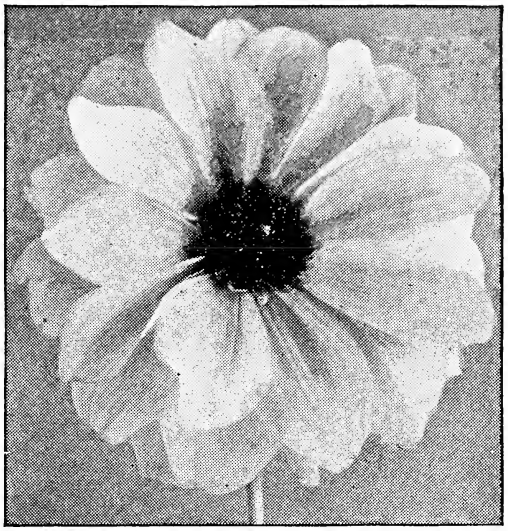
2450 **Bright Scarlet.** .....Oz. 30c. .05

2455 **Pure White.** .....Oz. 30c. .05

CYPRESS, STANDING. See **Kochia tricophylla.**



Delphinium



Pæony-Flowered Dahlia

No. Pkt.

DAHLIA. H. H. P. Grown very readily from seed and flowering the first season. Requires a common garden soil and moderate amount of water. When plants show buds a good mulching of liquid manure will greatly increase blooms. Seed saved from our own plants.

2460 **Cactus-Flowered. Finest Mixed.** 4 ft..$0.20

2463 **Pæony-Flowered. Choicest Mixed.** ..... .25

2465 **Decorative. Finest Mixed.** ..... .25

2470 **Double Show. Finest Mixed.** 4 ft..... .15

2473 **Collarette. In Choicest Mixture.** ..... .20

2475 **Single-Flowering. Finest Mixed.** 4 ft. .10

2478 **Pompon. Choice Mixed.** ..... .15

Bulbs of named varieties, see pages 120 to 129, also our special Dahlia Catalogue.

DAISY, DOUBLE. See **Bellis perennis.**

DATURA (Trumpet Flower). H. H. A. Strong growing ornamental annual shrubs. Flowers trumpet shape, large and fragrant.

2480 **Finest Mixed.** 3 ft. .....Oz. 30c. .05

Delphinium **(Larkspur).** H. P. One of the finest perennials in use at present time; very easily grown and requiring no protection in Winter. Leaves are curiously cut; flowers borne on long, erect stems forming into spikes 2 feet in length. Roots for first season's flowering can be obtained, see page 138.

Annual Varieties. See **Larkspur.**

2500 **Rawson's Selected Hybrids.** Comprising the most brilliant colors, with extra large flowers and long spikes. 4 ft. Oz. $2.00, ¼ oz. 60c. .25

2505 **Belladonna.** New. Beautiful turquoise blue and continuous bloomer; spikes of good size. .....⅛ oz. $1.00 .25

2510 **Chinensis azureum.** Deep blue. 3 ft.. Oz. 60c. .05

2515 **Chinensis album.** Pure white. 3 ft... Oz. 60c. .05

2525 **cardinale.** Scarlet. 3 ft. ...⅛ oz. $1.25 .15

2530 **elatum.** Blue. 4 ft. .....¼ oz. 25c. .05

2535 **formosum.** Dark blue, white center. 3 ft. .....Oz. $1.00, ¼ oz. 30c. .05

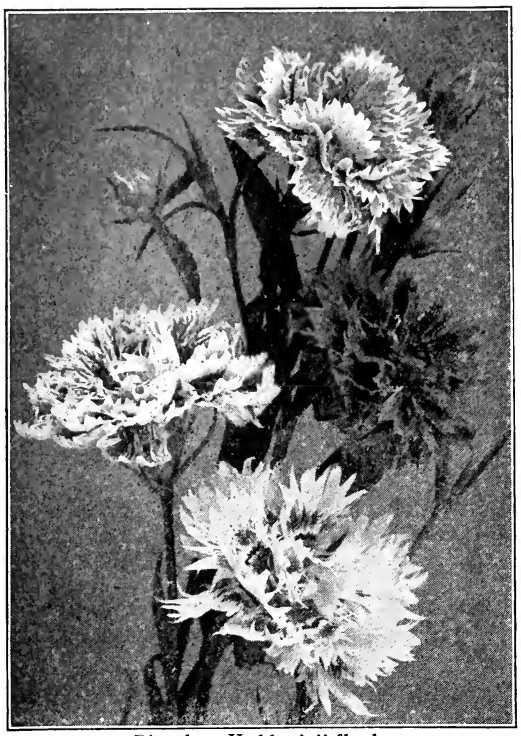
2540 **formosum cœlestinum.** Azure blue. 3 ft. Oz. $1.75, ¼ oz. 50c. .10

2545 **formosum grandiflorum.** New. Producing massive spikes; the flowers of a beautiful deep blue often measure from 2 to 2½ inches across. 3 ft. .... .20

2550 **Sibiricum hybridum.** Shades of blue. If sown early will flower during August. 2 ft. .....Oz. $1.25, ¼ oz. 35c. .10

2555 **speciosum.** Bright blue. 3 ft..¼ oz. 50c. .10

2560 **sulphureum hybridum** (Zalil). Sulphur yellow. 4 ft. .....⅛ oz. $1.25 .15



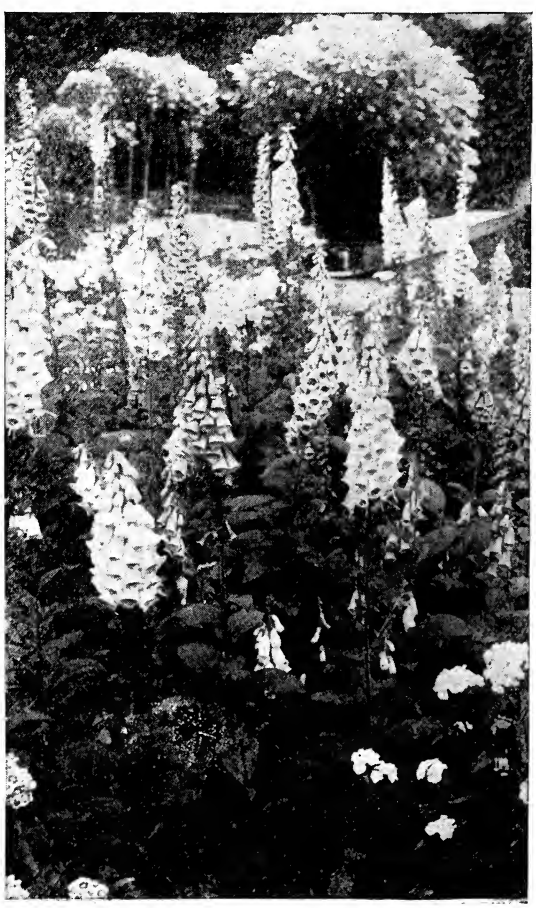
Dianthus Heddewigii fl. pl.

Dianthus **(Garden Pink).** In the following list of Dianthus or Garden Pinks will be found the best varieties for general use. We take especial care in selecting our stock and procure same from only the most experienced growers. Plants, see page 138.

CARNATION, Giant Marguerite. H. H. P From seed sown early in Spring, will bloom in July and continue until frost. Flowers are extra large and the greater percentage double, usually about three inches in diameter. 18 in.

No.			Pkt.
2570	**Finest Mixed.**	¼ oz. 60c.	$0.10
2575	**Rose.**	¼ oz. 60c.	.10
2580	**Scarlet.**	¼ oz. 60c.	.10
2585	**White.**	¼ oz. 60c.	.10
2590	**Yellow.**	¼ oz. 60c.	.10
2595	**Giant of Nice** (Riviera Market). Superior class of perpetual-flowered Carnations, blooming six months after sowing, and surpassing all others in size, color and productiveness.		.25
2600	**Dianthus plumarius** (Hardy Garden, or Old-Fashioned Clove Pink). A splendid free-flowering class, more hardy than the Carnation, and with a strong clove fragrance.	¼ oz. 75c.	.10
2605	**plumarius Cyclops, Double Mixed.** A. double variety of the popular Pheasant's-Eye. Pink. Very hardy and showy. June to September. 12 inches.		.25
2610	**Scoticus fl. pl.** (Paisley Pink). Flowers resembling those used for forcing; exceptionally fragrant and most desirable for gardens.		.25
2620	**semperflorens fl. pl.** (Everblooming Pink). Flowering in great profusion from June to October. **Finest Mixed.**		.15
2625	**Chinensis fl. pl.** (Chinese, or Indian Pink). Flowers double, of great variety of colors. **Finest Mixed.**	Oz. 75c.	.05
2630	**Heddewigii fl. pl.** (Japanese Pink). Double flowers of brilliant colors. **Finest Mixed.**	¼ oz. .25	.05
2635	**Crimson Belle.** Double crimson; extra large.	Oz. $1.50	.10
2640	**albus plenus.** Double white	Oz. 2.00	.10

No.	DIANTHUS—Continued		Pkt.
2645	**atropurpureus albo-marginatus fl. pl.** Double crimson, white edge. 1 ft.	¼ oz. 50c.	$0.10
2655	**diadematus fl. pl.** (Double Diadem Pink). Large double flowers with fringed edge. **Finest Mixed.**	Oz. $2.00	.10
2660	**laciniatus fl. pl.** One of the finest double fringed. **Finest Mixed.**	¼ oz. 25c.	.05
	DICTAMNUS fraxinella (Dittiny, or Gas Plant). H. P. Flowers formed on long spikes; the leaves are thick and if rubbed emit a fine odor. The plant gives off a resinous matter which will readily ignite in warm weather.		
2665	**Crimson and White.** 3 ft.	¼ oz. 15c.	.05
2267	**fraxinella alba**		.10
	DIGITALIS (Foxglove). One of the finest of perennials, bearing long spikes of Gloxinia-like flowers of tubular shape. Plants will grow in partial shade and in almost any good garden soil; attains a height of 4 ft. Plants, see page 139.		
2670	**Canariensis.** Light yellow	⅛ oz. $1.00	.25
2675	**gloxiniæflora. Finest Mixed.** Spotted throat.	Oz. $1.00	.05
2680	**alba.** White.	Oz. 1.00	.05
2685	**rosea.** Pink.	Oz. 1.00	.05
2690	**lilacina.** Lavender.	Oz. 1.00	.05
2695	**maculata superba** (Ivery's Spotted)	Oz. $1.00	.05
2700	**monstrosa. Finest Mixed.** Extra large flowers.	Oz. $1.50	.10
2705	**monstrosa alba.** Pure white	¼ oz. 50c.	.10
2710	**monstrosa rubra.** Rose pink.	¼ oz. 50c.	.10
2715	**purpurea** (Witches' Fingers)	Oz. 40c.	.05
2720	**Fiske's Superb Mixture.**	Oz. $1.50	.10



Digitalis (Foxglove)

No. Pkt.

2725 **DIMORPHOTHECA aurantiaca.** Very beautiful, rare and free-flowering annual, of easy culture, forming bushy plants 8 inches high, covered with flowers 3 inches across, of a rich glossy orange-yellow color, with black center; blooms continuously. $0.15

2730 **DIMORPHOTHECA ECKLONIS.** The ivory-white flowers often measure 3 inches in diameter. A beautiful contrast is the steel-blue color of the central disk and the same shade on the reverse side of the flower petals. ..... .25

2735 **DODECATHEON Media** (American Cowslip). H. P. Flowers somewhat resembling the Cyclamen; of rosy-purple color and drooping habit. 18 in. ..... .25

DOLICHOS Lablab (Hyacinth Bean). Rapid growing climber; flowers borne in clusters. Attractive; ornamental.

2740 **Finest Mixed.** 10 ft. .....Oz. 25c. .05

2745 **White.** 10 ft. .....Oz. 25c. .05

2750 **Purple.** 10 ft. .....Oz. 25c. .05

2755 **Daylight.** Bush form; pure white. 3 ft. .10

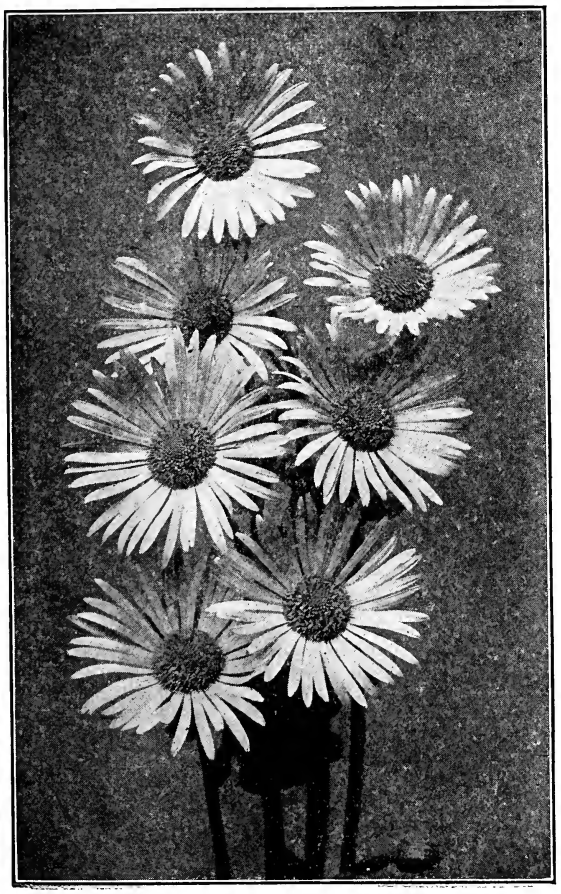
2760 **DORONICUM Caucasicum.** There is no finer Spring-blooming hardy perennial than this. The flowers are large, single and a fine yellow. 1 ft. ..... .25

DRACÆNA. G. P. Very ornamental in greenhouses, with its long narrow leaves. Also used abundantly in centers of vases and urns.

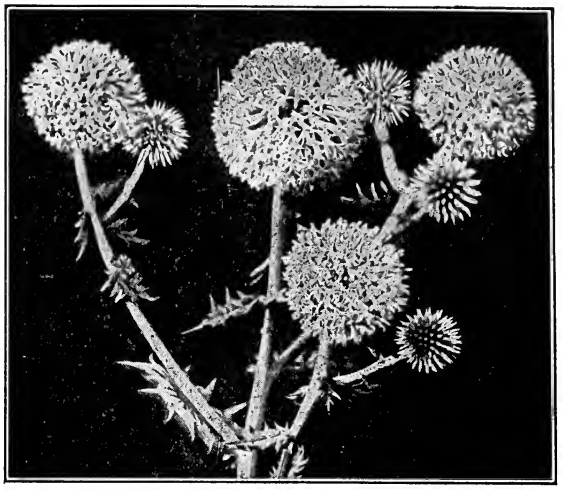
2765 **Indivisa.** Narrow, dark green foliage.. .10

2770 **Veitchii.** The midrib is a beautiful deep red on the back; graceful. ..... .10

2775 **Australis.** Leaves 2 to 4 inches broad, fine for vases, etc. ..... .10



Doronicum



Echinops ritro

No. Pkt.

2780 **DRACOCEPHALUM Argunense.** Fine hardy perennial, with spikes of bright blue Pentstemon-like flowers; July and August. 1½ ft. .....¼ oz. 30c. $0.10

2785 **ECHINACEA Helianthus** (Perennial Red Sunflower). H. P. Flowers large, varying from 6 to 10 inches across. Plants attain a height of 6 ft.; color purplish red. Roots, see page 139.... .10

2790 **ECHINOCYSTIS lobata** (Wild Cucumber). One of the quickest growing vines; fine for covering waste places and stone walls. 20 ft. .....Oz. 35c. .05

2795 **ECHINOPS Ritro** (Globe Thistle). H. P. Flowers formed in heads in globe form of steel blue color. Foliage deeply cut and of silvery-white color. Particularly attractive. ....¼ oz. 20c. .05

2800 **EDELWEISS** (Leontopodium Sibiricum). H. P. New. This variety, found in Russia, is fully double the size and is of easy culture. The large white blooms are readily produced in England, and can be as easily grown here, for the flowers are developed far better in the low country than are those of the Edelweiss of the Alps..... .15

2805 **EDELWEISS** (Leontopodium alpinum). H. P. Flower heads are flat, resembling soft-cushioned foot of the lion. It is a native of the Swiss Alps and is used mostly in rockeries in moist, sandy locations. 6 in. ..... .15

2825 **ERIGERON aurantiacus hybridus.** Attractive hardy perennial, producing stout, many-branched flower-stems. with numerous large flowers in all shades from white to rose, and from yellow to light and deep orange. 1 ft..Oz. $2.50 .10

2830 **hybridus roseus.** Handsome hardy perennial with deep rose-colored flowers, blooming from May to October. 1 ft.. .10

2835 **ERYSIMUM Perofskianum.** H. A. The deep reddish orange flowers resemble the Wallflower, and may be had in bloom from June to October. Well adapted for beds, borders, edgings, etc. 1 ft. Oz. 50c. .10

ESCHSCHOLTZIA (California Poppy). One of the best annuals for bedding, having large, Poppy-like flowers varying in different shades of white and yellow. Foliage is very finely cut and the plants bloom from early Summer till frost.

2840 **Finest Mixed.** 18 in. .....Oz. 30c. .05

2845 **Californica.** Yellow, orange center..... Oz. 30c. .05

2850 **Californica alba.** Pure white...Oz. 30c. .05

Eschscholtzia

ESCHSCHOLTZIA—Continued

No. — Pkt.

2855 **Rosy Carmine.** ..... Oz. 50c. $0.05

2860 **Carmine King.** New. Very fine deep carmine. ..... Oz. 75c. .10

2865 **Golden West** (Maritima). Bright orange yellow. ..... Oz. 35c. .05

2870 **Mandarin.** Bright orange, shaded crimson. ..... Oz. 50c. .05

2875 **crocea.** Deep orange. ..... Oz. 30c. .05

2880 **Rose Queen.** Carmine rose... ¼ oz. 50c. .10

2885 **EUCALYPTUS globosus** (Australian Blue Gum). H. H. P. Very decorative plant for greenhouse, with showy bluish foliage. 6 ft. ..... ¼ oz. 30c. .05

2890 **EUCHARIDIUM grandiflora, Mixed.** Magnificent plants from California, blooming profusely all Summer, and of easiest culture; very showy. Hardy annual. I ft. ..... .05

EUPATORIUM purpureum (Thoroughwort). H. P. Flowers are of a purplish red color, borne in heads. Excellent for cutting and well worthy of a place in every garden. 2 ft..... .10

2895 **ageratoides.** Dense heads of small white flowers. 4 ft. ..... ¼ oz. 40c. .10

2900 **Fraseri.** Snow-white. 2 ft..... ¼ oz. 30c. .10

2905 **purpureum.** Purplish red. 4 ft. ¼ oz. 25c. .10

2910 **EUPHORBIA pulcherrima** (Poinsettia). Charming greenhouse shrub for house or conservatory decoration, with beautiful large crimson bracts. ..... .25

2915 **heterophylla** (Mexican Fire Plants). H.A. Flowers formed in large bracts, usually about 6 inches across.. ¼ oz, 35c. .10

EUPHORBIA—Continued

No. — Pkt.

2920 **variegata** (Snow on the Mountain). H. A. Fine for bordering, with its clusters of white flowers and foliage variegated green and white. 15 in..Oz. 35c. $0.05

2925 **EXACUM affine.** Compact plants, with clusters of lilac, fragrant flowers; sown early it will bloom through the Summer, and, if taken into the house, all Winter. Half-hardy perennial, 1 ft. .....1000 seeds $1.00 .25

FEVERFEW. See **Matricaria.**

FORGET-ME-NOT. See **Myosotis.**

FOUR O'CLOCK. See **Marvel of Peru.**

FOXGLOVE. See **Digitalis.**

2930 **FUNKIA cœrulea** (Day Lily). H. P. Broad foliage; Lily-like blue flowers, blooming in August. 1 ft. ..... .10

2935 **subcordata alba.** H. P. Fine for borders; leaves broad, margined with white; flowers pure white. ..... .15

GAILLARDIA (Blanket Flower). Very showy annuals, used abundantly for borders and bedding and fine for cut flowers. Seed should be started early and will flower continually until frost.

2960 **picta, Single Finest Mixed.** 2 ft...Oz. 30c. .05

2965 **amblyodon.** Single deep red. 2 ft..Oz. 40c. .05

2970 **picta Lorenziana. Double Finest Mixed.** 2 ft. .....Oz. 60c. .05

GAILLARDIA. Perennial.

2975 **grandiflora hybrida. Finest Mixed.** Continual bloomer; very showy and one of the most brilliant garden flowers. Fine for perennial borders....Oz. 75c. .05

2980 **grandiflora sanguinea.** The yellow color has been nearly eliminated from the blood-red flowers; only the extreme points of the petals still retain the yellow color, which appears as a golden seam on large and well-shaped flowers. ..... .15

2985 **James Kelway.** Immense brilliant scarlet flowers with fringed golden margin. .....¼ oz. $1.00 .10

2990 **superba.** Large, red and yellow. ¼ oz. 40c. .10

2995 **GAURA Lindheimeri.** H. H. P. Flowering first year from seed if started indoors in February. Excellent for garden decoration, with its long spikes of pink or white flowers. 2 ft..... ¼ oz. 15c. .05

3000 **GAZANIA splendens grandiflora hybrida. Finest Mixed.** Tender herbaceous plants, natives of South Africa; flowers vary from yellow to deep orange, with almost black centers. 2 ft..... .25

Gaillardia grandiflora hybrida

No. Pkt.

3005 **GENISTA Canariense.** G. P. Handsome plants for room decoration with bright yellow flowers. Tender perennial. 2 ft. ..... ¼ oz. 35c. $0.10

3010 **GENTIANA acaulis** (Blue Gentian). H. P. Large, bell-shaped flowers of an intense blue color. A moist location is best suited for these plants. 4 ft..... .10

GERANIUM. G. P. Popular plants, easily raised from seed.

3015 **Apple-scented.** Fragrant, handsome foliage. ..... .25

3020 **Show Pelargoniums** (Lady Washington). Newest large-flowered show varieties. .25

3025 **hybridum. Finest, Single Mixed.** Comprising most of the finest single varieties. Flowers are extra large and of most brilliant colors. ..... .25

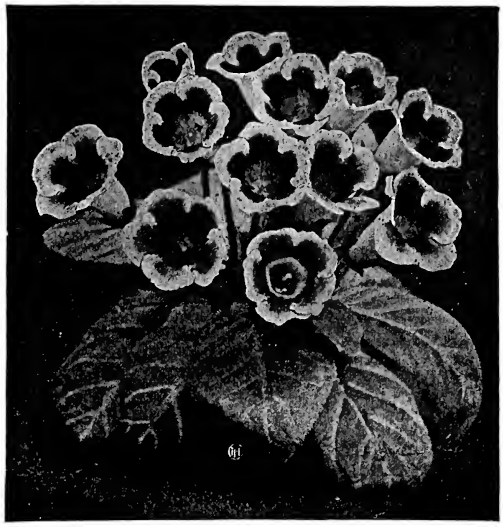
3030 **GERBERA Jamesoni hybrida.** A much improved strain of the beautiful Scarlet Transvaal Daisy, including some of the most exquisite colors and incomparable for their delicacy and richness, with an infinity of tints from pure white through yellow, orange salmon, rose, cerise and ruby-red to violet. Often the coloring of the disc varies from that of the rays. These beautiful flowers with their long stems are excellent for bouquets which retain their freshness from ten to fourteen days. Easily propagated from seed and are especially desirable for greenhouse culture. ..... .35

3035 **Jamesoni.** G. P. (Transvaal Daisy). Beautiful Daisy of a brilliant orange-vermilion color on long stems, blooming almost the whole year if given greenhouse protection during Winter. .25

3040 **GESNERA.** G. A. Beautiful tuberous-rooted greenhouse plants, with their singularly marked soft velvety foliage, producing long spikes of brilliant colored flowers mostly scarlet and yellow. Easily propagated by cuttings or from seed. Tubers should be rested during Winter months. ..... .50

3045 **GEUM.** H. P. **Finest Mixed.** Large, showy flowers in colors of scarlet and yellow. Fine herbaceous plants for shrubbery border. 1 ft. ..... .05

Gerbera Jamesoni hybrida



Gloxinia

No. Pkt.

3050 **GILIA.** H. A. **Finest Mixed.** Plants of dwarf habit, fine for rockwork and borders; flowers in profusion all Summer. 1 ft. ..... ¼ oz. 25c. $0.05

3055 **GLAUCIUM Phœniceum.** H. A. Handsome, silvery foliaged plant, with purplish red, Poppy-like flowers. 1½ ft.. .05

GLOBE AMARANTH (Gomphrena). H. A. Globe-shaped, everlasting flowers. When in full bloom should be cut and hung up to dry; will hold their color all Winter.

3060 **Finest Mixed.** 2 ft. ..... ¼ oz. 15c. .05

3065 **Reddish Purple.** 2 ft. ..... ¼ oz. 15c. .05

3070 **White.** 2 ft. ..... ¼ oz. 15c. .05

3075 **GLOXINIA. Fottler's Superb Mixture.** Though grown mostly from bulbs, may be grown very easily from seed and are also propagated by leaf cuttings. Flowers large, bell-shaped, of most brilliant, velvety colors; leaves thick; succulent and very ornamental..... .50

Large-Flowering Bulbs. See page 111.

GODETIA (Satin Flower). H. A. Rapid growing annual shrub, producing large, mallow-like flowers; very ornamental in mixed beds. Plants require plenty of room and thrive better in a poor soil. 18 in.

3090 **Crimson Glow.** Deep crimson. New. Grows about 9 in. high; finest variety for bordering; completely covered with clusters of flowers. .....Oz. $1.00 .10

3095 **Finest Mixed.** .....Oz. 50c. .05

3100 **Pure White.** .....Oz. 50c. .05

3105 **Lady Albemarle.** Dark crimson..Oz. 50c. .05

3110 **Bright Scarlet.** .....Oz. 50c. .05

Gourds, Ornamental

H. A. Climber. Quick growing vines; excellent for covering arbors, walls and waste places. Gourds grow in very curious shapes and are used for house ornaments.

3120 **Finest Mixed Varieties.** 15 ft...Oz. 25c. .05

3125 **Apple Shaped** (Maliformus). Striped... .05

3130 **Bottle Shaped** (Lagenaria vulgaris). Light green. .....Oz. 25c. .05

3135 **Cannon Ball.** (L. rotunda). .....Oz. 25c. .05

3140 **Citron Shaped** (Cucurbita limoniformis). .05

3145 **Dipper, or Calabash.** .....Oz. 25c. .05

3150 **Dish Cloth** (L. Corsica). .....Oz. 25c. .05

3155 **Egg Shaped** (Cucurbita ovifera). White .05

3160 **Gooseberry** (Cucumis grossularia)..... .05

3165 **Hercules' Club.** Often 4 ft. long..... .05

3170 **Orange** (Cucurbita aurantiaca). Orange. .05

3175 **Pear Shaped** (Cucurbita pyriformis)... .05

3180 **Powder Flask** (L. pyrotheca)...Oz. 25c. .05

3183 **Serpent** (Cucumis flexuosus)....Oz. 25c. .05

3185 **Striped Angora.** .....Oz. 25c. .05

3190 **Chinese Red Turban.** .....Oz. 25c. .05

3195 **Collection,** one each of any six varieties. .25

Gypsophila paniculata fl. pl.

Grasses, Ornamental

Valuable for their various colored foliage, some varieties for their flowers. Many sorts are useful in masses on lawns and in gardens. Roots of many varieties listed under Hardy Perennials. Page 137.

No.		Pkt.
3205	**Arundo Donax variegata.** H. P. Drooping green and white striped leaves. 9 ft...	.05
3207	**Briza Maxima.** H. A. Loosely flowered panicles.	.05
3208	**Bromus Brizaeformis.** H. B. An elegant grass with drooping panicles of spikelets; useful in borders.	.05
3210	**Coix lachryma** (Job's Tears). H. A. 9 ft. Large, broad leaves, large shiny seed.	.05
3215	**Erianthus Ravennæ.** H. P. Large, graceful plumes and beautiful variegated foliage. 8 ft.	.05
3225	**Eulalia zebrina** (Zebra Grass). H. P. Dark green leaves crossed by yellowish white bars.	.10
3230	**Gynerium argenteum** (Pampas Grass). H. P. Large silvery plumes, requiring slight protection in Winter. 10 ft. ..	.05
3235	**Hordeum jubatum** (Squirrel Tail Grass). H. A. Flowers in bushy panicles. Excellent for bouquets. 3 ft.	.05
3240	**Pennisetum longistylum.** H. A. Graceful drooping heads. Excellent for bouquets. 2 ft.	.05
3245	**Pennisetum Rupelianum.** H. P. Foliage long and slender, the silvery plumes tinged with violet. 3 ft.	.05
3250	**Stipa pennata** (Feather Grass). H. P. Silvery white, feathery plumes. 2 ft.	.05
3255	**Collection of six varieties.**	.25
3260	**GREVILLEA robusta** (Silk Oak). G. P. Fern-like foliage. Fine decorative plant for house or greenhouse....¼ oz. 30c.	.10
	GYPSOPHILA (Baby's Breath). Graceful plants, with tiny flowers produced in abundance in loose panicles. Excellent for their delicate effect in bouquets.	
3265	**paniculata fl. pl.** H. P. An exceedingly fine new double of the purest white, superseding in every respect the original Gypsophila paniculata.	.20
3270	**grandiflora alba.** H. A. Extra large flowers, pure white. .....Oz. 30c.	.10
3275	**elegans.** H. A. Pure white tiny flowers.	.05
3280	**carminea.** New. Bright carmine rose. bushes grow about 10 inches high, very free flowering. .....¼ oz. 20c.	.10
3285	**muralis.** H. A. Bright rose...¼ oz. 15c.	.05
3290	**paniculata.** H. P. Pure white. Plants make fine clumps for garden use..... For plants of this variety, see page 139.	.05
	HELENIUM (Sneezewort). H. P. Very showy herbaceous plant; flowers mostly yellow and similar to the Rudbeckia. Plants, see page 139.	
3295	**Bigelowi.** Yellow. 2 ft.....¼ oz. $1.00	.10
3300	**autumnale superbum.** Rich yellow. 5 ft..	.10
3305	**Hoopesii.** Pure orange yellow. Extra early. .....¼ oz. 50c.	.15

Helianthus

(Sunflower). Annual Varieties. Tall-growing sorts; fine for background along fences and walls or large borders. Small varieties useful for cutting.

No.		Pkt.
3320	**Californicus fl. pl.** Double deep yellow. 5 ft. .....Oz. 20c.	$0.05
3325	**Chrysanthemum-Flowered.** Extra large, double flowers, 6 to 10 inches in diameter. 5 ft. .....Oz. 40c.	.05
3330	**globosus fistulosus.** Large globe-shape flowers, rich saffron color. 7 ft. Oz. 25c.	.05
3335	**cucumerifolius** (Miniature). Single yellow, black center. .....Oz. 40c.	.05
3340	**Circe.** Bright yellow, twisted petals...	.05
3345	**Purity.** Very nearly pure white. 4 ft..	.05
3350	**Venus.** Yellow, dark center, with golden ring. 4 ft. .....Oz. 75c.	.05
3355	**Mammoth Russian.** Yellow. Common Sunflower. 6 ft. .....Oz. 10c.	.05
3360	**Primrose Queen.** Large single, primrose yellow. 5 ft. .....Oz. 35c.	.05
	PERENNIAL VARIETIES.	
3365	**Maximiliana.** Clear yellow; several rows of large ray petals and full center, flowering until late in Fall. 6 ft.	.10
3370	**mollis.** Single light yellow, silvery white foliage. .....⅛ oz. 50c.	.15
3375	**orgyalis.** Light yellow, small flower; long, narrow leaves; height 7 ft.	.10
3380	**rigidus.** Golden yellow with dark center. 6 ft.	.10
3385	**Perennial Hybrids.** The flowers vary in shades of yellow, also in size and form	.10
3390	**multiflora fl. pl.** Dwarf double yellow. Roots, see page 139.	.10
	HELICHRYSUM (Everlasting). H. A.	
3395	**monstrosum fl. pl. Finest Mixed.** One of the best dried flowers for house decoration and will grow in almost any soil. 2 ft. .....¼ oz. 20c.	.05
3400	**HELIOPSIS Pitcheriana** (Orange Sunflower). H. P. Flowers orange yellow, blooming in September. 3 ft..¼ oz. 20c.	.10
	HELIOTROPE. Greenhouse shrub Excellent for bedding; very fragrant; fine for cutting. Grows well in house. Plants, see page 132.	
3405	**Finest Mixed.** 2 ft.	.10
3407	**Mme. de Blonay.** An exceptionally fine pure white; a good keeper for bouquets	.15
3408	**Triomphe de Liege.** Delicate light blue.	.15
3410	**Queen Marguerite.** Extra large; deep blue; very fragrant.	.20

Helianthus cucumerifolius

No. **HESPERIS matronalis** (Sweet Rocket). H. P. Pkt. Flower early in the Spring, thriving well in any common soil; very fragrant. 2 to 3 ft.

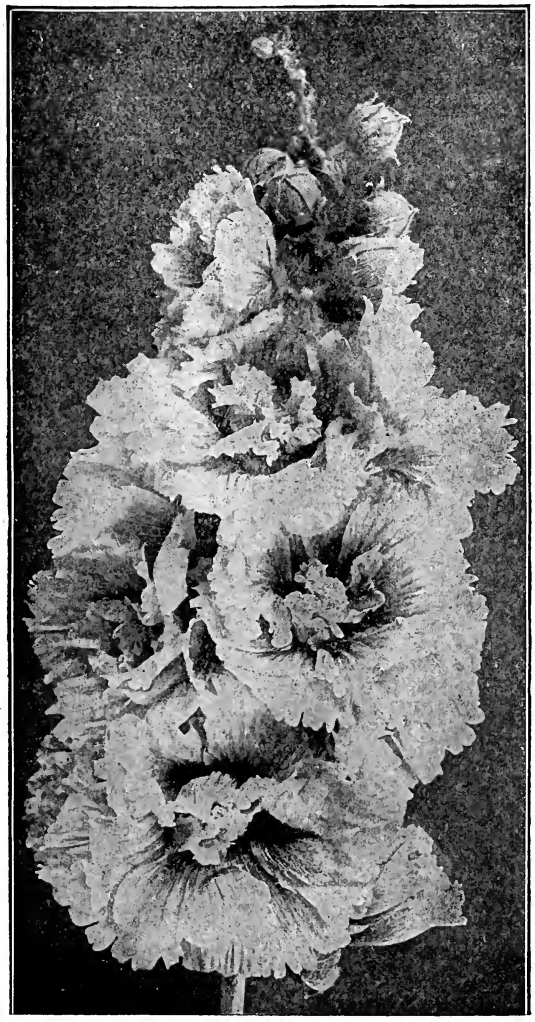
3415 **Finest Mixed. Double.** .....Oz. 30c. $0.05
3420 **Pure White. Double.** .....Oz. 30c. .05

HEUCHERA. H. P. One of the finest small perennials; flowers are in clusters, small and bell-shaped. 15 in.

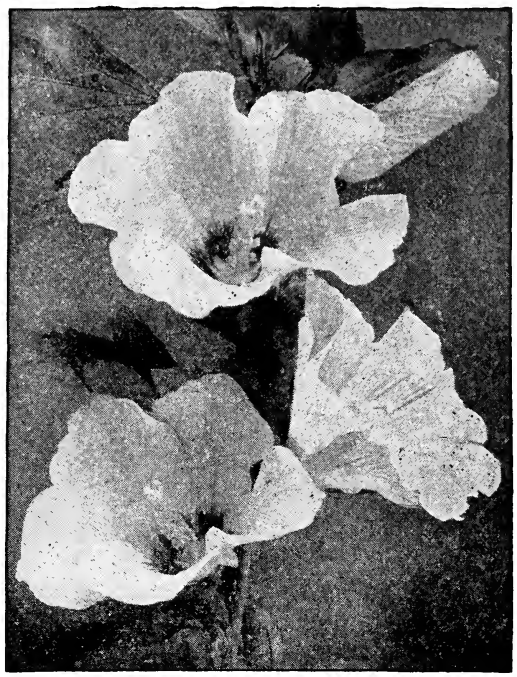
3425 **gracillima** (Coral Bells). Bright pink.. .15
3430 **sanguinea.** Scarlet. 15 in. ..... .10

HIBISCUS (Mallow). Vigorous-growing plants, producing large, handsome flowers, often six inches across. Very desirable for mixed beds or borders. Plants, see page 139.

3435 **Africanus.** H. A. Yellow. 2 ft. Oz. 25c. .05
3440 **Crimson Eye.** H. P. Pure white, crimson center. Will flower first season from seed in open ground. .....Oz. $1.00 .10
3445 **Golden Bowl.** Canary yellow, with black center. Annual. July to October. 2 ft. .....Oz. 60c. .10
3450 **militaris.** H. A. Rose pink, carmine center. 6 ft. .....Oz. $1.00 .10
3455 **Moscheutos albus** (Swamp Mallow). H.P. Native swamp Mallow is one of the most useful, flowering freely from July to September. 4 ft. ....Oz. 75c. .10
3460 **Moscheutos roseus.** H. P. Same type as above. 4 ft. .....Oz. 75c. .10



Hollyhock



Hibiscus Moscheutos albus

Hollyhocks

H. B. Our strain of seed of this old-time favorite is without doubt unsurpassed. The tall, stately spikes bear immense quantities of blooms of the most brilliant colors, both in the single and double varieties. They succeed best in a rich, well-drained soil, requiring slight protection during the Winter. 6 ft. Plants of the following varieties, see page 140.

CHOICE SINGLE VARIETIES

No. Pkt.
3470 **White.** .....¼ oz. 50c. $0.10
3475 **Yellow.** .....¼ oz. 50c. .10
3480 **Bright Rose.** .....¼ oz. 50c. .10
3485 **Delicate Pink.** .....¼ oz. 50c. .10
3490 **Purple.** .....¼ oz. 50c. .10
3495 **Carmine.** .....¼ oz. 50c. .10
3500 **Crimson.** .....¼ oz. 50c. .10
3505 **Black.** .....¼ oz. 50c. .10
3510 **Finest Mixed.** .....¼ oz. 50c. .10
3515 **Collection** of Eight Varieties. ..... .75

CHATER'S DOUBLE HOLLYHOCKS. An exceptionally choice strain of all double flowers, and true to color. Our stock is grown by a specialist of this important family of the flowery kingdom.

3520 **Finest Mixed.** .....¼ oz. 50c. .10
3525 **Bright Rose.** .....¼ oz. 50c. .10
3530 **Flesh Color.** .....¼ oz. 50c. .10
3535 **Maroon.** .....¼ oz. 50c. .10
3540 **Red.** .....¼ oz. 50c. .10
3545 **Sulphur Yellow.** .....¼ oz. 50c. .10
3550 **White.** .....¼ oz. 50c. .10
3555 **Collection** of Six Varieties. ..... .50
3560 **Double "Pink Beauty."** The outer petals of these gigantic flowers are a brilliant pink, while all the inner frilled petals are of the purest white, the two colors making a beautiful contrast. .....¼ oz. $1.00 .15
3565 **Hollyhock, Mammoth Alleghany. Finest Mixed.** Flowers finely fringed, of both single and semi-double. ....¼ oz. 40c. .10

Hollyhock, Everblooming. H. A. Flowers the first season from seed; sow indoors in March; blooms about July.

3570 **Finest Single Mixed.** ..... .15
3575 **Finest Double Mixed.** 25

Hypericum elegans

No. Pkt.

HONESTY (Lunaria biennis). H. B. Flowers blue and white, and white. The large oval, silvery seed pouches are quite ornamental in bouquets.

3580 **Finest Mixed.** 2 ft. .....Oz. 35c. $0.05

HUMULUS (Japanese Hop). H. A. Climber. Of rapid growth. Fine for covering verandas and trellises, attaining a height of 12 ft.

3590 **Japonica.** .White. .....Oz. 50c. .05

3595 **Japonica variegata.** Foliage green and white. .....Oz. $1.00 .10

3600 **Lupulus** (Common Garden Hop). H. P..

3605 **HUNNEMANNIA** (Giant Tulip Poppy). H. P. Seed may be sown in May and will flower first season. Foliage is finely cut, similar to California Poppy. **fumariæfolia.** Golden yellow. ..Oz. 75c. .10

3610 **HYPERICUM elegans** (St. John's Wort). H. P. The single yellow flowers are very showy, growing well in sandy soils and shady locations. 1 ft. ..... .05

ICE PLANT. See **Mesembryanthemum crystallinum.**

IMPATIENS (Balsam). G. P. Excellent pot plants for house or greenhouse; the axillary flowers are borne in profusion and are continually in bloom.

3615 **Holstii.** Vermilion. 1 ft. ..... .15

3620 **Holstii Hybrids. Finest Mixture.** 1 ft. .15

3625 **Sultani.** Carmine rose. 1 ft..... .15

3630 **Sultani hybrida. Finest Mixed.** 1 ft. .15

3635 **INCARVILLEA Delavayi.** H. P. Leaves about two feet long and of pale green color. Gloxinia-like flowers, somewhat divided, borne on long stems; of bright rose color 2 inches across. 2 to 3 ft. ..... .25
Plants, see page 140.

Ipomoea **(Morning Glory).** One of our most popular annual climbers, and without doubt familiar to most lovers of flowers. Very ornamental for verandas, fences and for covering rockeries. 10 to 20 ft.

3650 **purpurea** (Convolvulus major). Showy annual climber, of easiest culture, in many brilliant colors. .....¼ lb. 25c., oz. 10c. .05

3655 **CONVOLVULUS minor. Finest Mixed.** (Dwarf Morning Glory). Early-flowering hardy annual, with bright flowers, of very easy cultivation. 2 ft. Oz. 25c. .05

No. **CONVOLVULUS—Continued** Pkt.

3660 **cœrulea.** Blue. 10 ft. .....Oz. 10c. $0.05

3665 **imperialis** (Japanese Morning Glory). A great improvement over the old-fashioned sorts. Flowers are larger, fringed, and of an unlimited variety of colors. .....Oz. 30c. .10

3670 **imperialis** (New Day Glory). An improved Ipomœa remaining in bloom throughout the day and containing all the variety of colors in the regular Japanese Morning Glory..... .15

3675 **grandiflora alba** (Moonflower). Large heart-shaped leaves and large, pure white flowers, opening in the evening. 10 ft. .....Oz. 75c. .10

3680 **rubro-cœrulea** (Heavenly Blue). Beautiful, large, sky-blue flowers. 15 ft... .10

3685 **setosa** (Brazilian Morning Glory). Large, ornamental foliage, with bright rose flowers. Grows very fast and dense. .....Oz. 75c. .10

3690 **Leari.** Intense bright blue.....Oz. $2.00 .10

3695 **noctiflora hybrida** (Moonflower). Large fragrant white flowers.....Oz. $1.00 .10

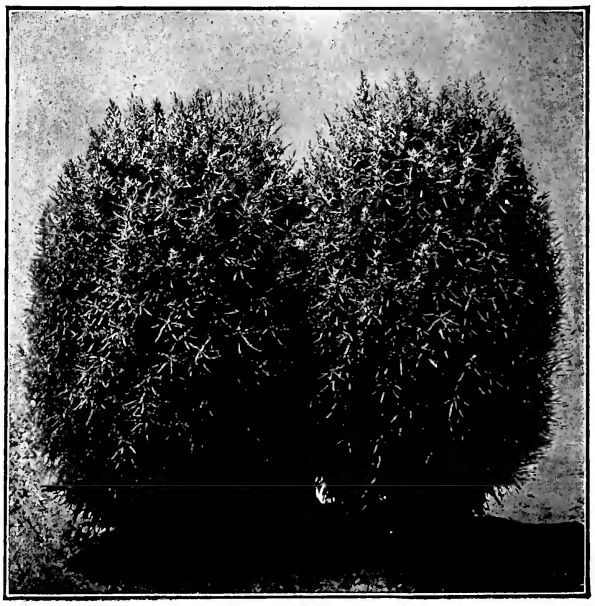
3700 **IRIS Kæmpferi** (Japanese Iris). H. P. **Finest Mixed.** Flower of enormous size, flat and comprises some of the most vivid colors, both self and heavily veined. 3 ft. .....¼ oz. 25c. .10
Large size clumps of named varieties, see page 141.

JACOB'S LADDER. See **Polemonium.**

3705 **KOCHIA tricophylla** (Summer Cypress, or Mexican Firebush). H. A. Pretty little bushes of pyramidal shape; foliage delicate green, the little tiny, brilliant scarlet flowers completely covering the whole plant. Excellent for hedges along walks in gardens. 3 ft. ¼ oz. 25c. .05

3710 **KENILWORTH IVY** (Linaria Cymbalaria). Tender perennial of trailing habit, bearing small violet flowers. Fine for hanging baskets and rustic designs. 8 in. ..... .10

3715 **LANTANA hybrida.** G. P. **Finest Mixed.** Free-flowering plants of shrubby growth; fine house plants; good for mixed beds, blooming all Summer. 3 ft. .....¼ oz. 25c. .10



Kochia tricophylla

Larkspur. H. A. The tall, graceful spikes of the most brilliant colors of blue, lilac and white are excellent for cutting. Ornamental in the garden.

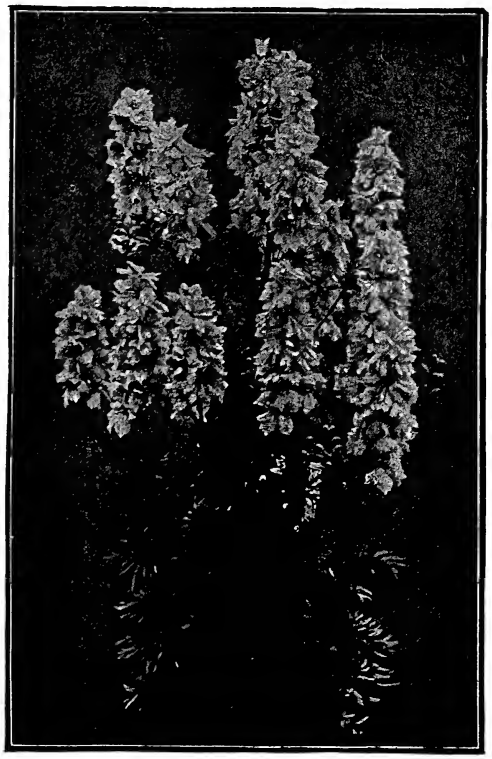
No.			Pkt.
3720	**candelabra, Double Dwarf Finest Mixed.** 1 ft.	Oz. 75c.	$0.05
3725	**Tall Emperor, Double Azure Blue.** 2 ft.	Oz. 50c.	.05
3730	**Brilliant Rose.** 2 ft.	Oz. 50c.	.05
3735	**Scarlet.** 2 ft.	Oz. 50c.	.05
3740	**Pure White.** 2 ft.	Oz. 50c.	.05
3745	**Finest Mixed.** 2 ft.	Oz. 50c.	.05
	Giant Hyacinth-flowered.		
3750	**Pure White.** 2 ft.	Oz. 50c.	.05
3755	**Shell Pink.** 2 ft.	Oz. 50c.	.05
3760	**Salmon Rose.** 2 ft.	Oz. 50c.	.05
3765	**Brilliant Scarlet.** 2 ft.	Oz. 50c.	.05
3770	**Deep Rose.** 2 ft.	Oz. 50c.	.05
3775	**Light Azure Blue.** 2 ft.	Oz. 50c.	.05
3780	**Dark Blue.** 2 ft.	Oz. 50c.	.05
3785	**Finest Mixed.** 2 ft.	Oz. 50c.	.05
3790	**Tall Rocket. Double Finest Mixed.** 3 ft.	Oz. 30c.	.05

LATHYRUS latifolius (Perennial Pea). H. P. Large clusters of red, white or pink flowers, resembling the Sweet Pea. Fine for covering walls, stumps, trellises and for ledgy places. 6 ft.

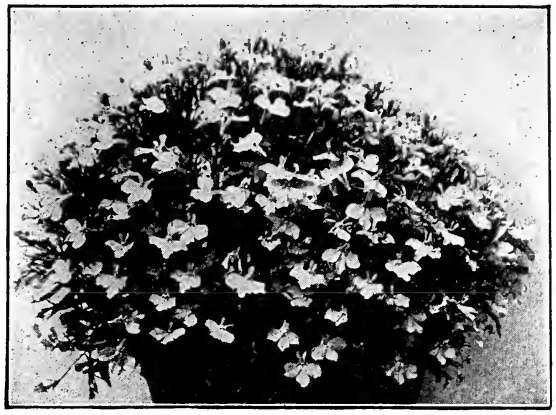
3800	**White.**	Oz. 50c.	.10
3805	**Rose.**	Oz. 50c.	.10
3810	**Scarlet.**	Oz. 50c.	.10
3815	**Finest Mixed.**	Oz. 50c.	.10

LAVATERA. H. A. Large, glabrous leaves, quite ornamental. The Malva-like flowers borne on terminal racemes two to four inches across.

3820	**trimestris rosea.** Pink. 3 to 6 ft.	Oz. 35c.	.05
3825	**trimestris alba.** White. 3 to 6 ft.	Oz. 30c.	.05
3830	**arborea variegata.** Very ornamental for the garden or as a pot plant, with large, handsomely variegated foliage. 4 ft.		.10



Larkspur, Giant Hyacinth-Flowered



Lobelia, Crystal Palace compacta

No.			Pkt.
3835	**LAVENDER, English Sweet.** H. P. Flowers borne on long cylindrical spikes of rich violet color. 1½ ft.	¼ oz. 20c.	$0.05
	LEPTOSIPHON. H. A. Beautiful in flower and foliage, and a profuse bloomer from June to frost; excellent for beds, borders, baskets, etc. 1 ft.		
3840	**French Hybrids. Finest Mixed.**	¼ oz. 25c.	.05
3845	**LEPTOSYNE maritima.** Free-flowering hardy annual, with large, single yellow Coreopsis-like flowers on long stems; fine for cut flowers. August to October. 2 ft.	¼ oz. 30c.	.10
3850	**LIATRIS spicata** (Blazing Star). H. P. Flowers produced in wand-like spikes or racemes of rosy-lilac color. Grouped in masses, they give the best effects. Thrives best in a poor soil. 3 ft.	⅛ oz. 25c.	.10

Plants, see page 140.

LINUM (Flax). Flowers are borne on terminal racemes or cymes; though short-lived keep continually blooming. Plants of both annual and perennial of easy culture.

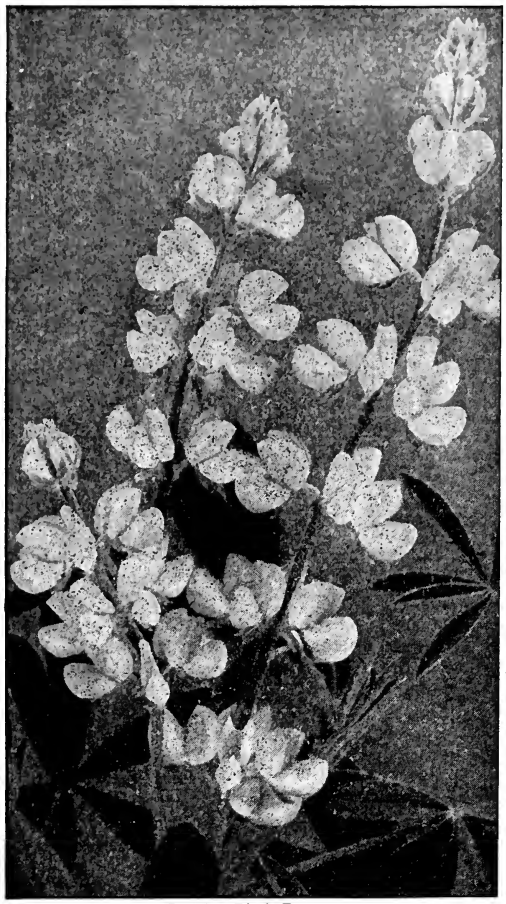
3855	**flavum.** H. P. Golden yellow. 1 ft.		.10
3860	**perenne.** H. P. Blue. 1½ ft.	Oz. 50c.	.10
3865	**grandiflorum rubrum.** H. A. Scarlet. 1 ft.	Oz. 30c.	.05

LOBELIA. One of the commonest of the half-hardy annuals, used extensively for edgings, urns and baskets. Plants require rich soil and plenty of water. Flowers should be kept cut back to allow flowering until frost.

3880	**Crystal Palace compacta.** Deep blue. Fine for carpet bedding and edging. 4 in.	⅛ oz. 50c.	.10
3883	**speciosa** (Crystal Palace Variety). Deep ultramarine blue, dark foliage, trailing.	¼ oz. 40c.	.10
3885	**Erinus gracilis.** Deep blue, trailing. 1 ft.	Oz. 60c.	.10
3888	**Emperor William.** Very compact, light sky-blue; extra fine.	⅛ oz. 25c.	.10
3890	**Erinus albus.** White. 1 ft.	¼ oz. 50c.	.10
3895	**cardinalis** (Cardinal Flower). Intense scarlet. 3 ft.	⅛ oz. $1.00	.10

Lupinus. **(Lupins).** Annual varieties. H. A. Showy plants with handsome, conspicuous flowers, borne in terminal racemes, somewhat resembling the Sweet Pea. Used extensively for bedding and fine for cutting.

3910	**Finest Mixed.** 3 ft.	Oz. 20c.	.05
3915	**Pink Beauty.** Salmon pink. An exceptionally fine variety for forcing or garden use, producing extra large spikes. Valuable for cutting.	Oz. 50c.	.10



Lupin, Pink Beauty

LUPINUS—Continued

No. Pkt.

3920 **Salmon King.** Dwarf; salmon pink.... Oz. 50c. $0.10
3925 **Snow-drop.** Pure white.....Oz. 50c. .10
3930 **Rising Sun.** Giant pink; tall, showy.. Oz. 50c. .10
3935 **North Pole.** Combined yellow and blue. Oz. 50c. .10
3940 **Harlequin.** Bright scarlet, white tip. Oz. 50c. .10
3945 **Azure Queen.** Celestial-blue.....Oz. 50c. .10
3950 **hybridus roseus.** Bright pink...Oz. 50c. .10
3955 **subcarnosus.** Deep blue. 3 ft...Oz. 50c. .05
3960 **sulphureus superbus.** Yellow. 3 ft..... .05

PERENNIAL VARIETIES.

3965 **polyphyllus.** Blue. 3 ft. .....Oz. 30c. .05
3970 White. 3 ft. .....Oz. 40c. .05
3980 **Douglasii. Finest Mixed.** Various shades of pink, purple, blue and white. If sown early will flower the same year. .15
3985 **Perennial Finest Mixed.** .....Oz. 30c. .05

LYCHNIS. H. P. One of the finest herbaceous perennials, perfectly hardy and very ornamental. Flowers of great brilliancy.

3990 **Chalcedonica** (Maltese Cross). Intense scarlet. 2 ft. .....¼ oz. 15c .05
3995 **Flos-cuculi** (Cuckoo Flower). Deep red. 2 ft. .....¼ oz. 50c. .10
4000 **Haageana hybrida.** Large heads in colors of white, pink, yellow and crimson. 2 ft. .....¼ oz. 40c. .10
4005 **Viscaria splendens.** Brilliant deep red; double. 18 in. .....¼ oz. 20c. .05
4010 **Lagascæ rosea.** Forms little bushes with pretty foliage and conspicuous bright rose flowers, which yield continuously from May until the end of June. ..... .25
4015 **LYTHRUM roseum superbum.** H. P. Immense spikes of bright rose-colored flowers, thriving well in moist places; flowers very freely and attains a height of 4 ft. .....¼ oz. 25c. $0.05
Plants, see page 144.

MALOPE. H. A. Showy, Mallow-like flowers, requiring a good soil and open situation; quite hardy and may be sown in the open in April or May.

4020 **grandiflora rosea.** Rose pink. 3 ft.... .05
4025 **grandiflora alba.** White. 3 ft....Oz. 30c. .05
4030 **grandiflora rubra.** Red. 3 ft....Oz. 30c. .05

MALVA. H. P. Large, showy flowers, thriving well in almost any soil, and blooming all Summer.

4040 **Alcea** (Hollyhock Mallow). Deep pink. 3 ft. .....⅛ oz. 35c. .05
4050 **moschata** (Musk Mallow). Rose pink. Will bloom first season from seed. 3 ft. .....¼ oz. 30c. .10
4060 **moschata alba.** White. 3 ft...¼ oz. 30c. .10
4070 **MATHIOLA bicornis** (Evening Scented Stock). H. A. Purplish lilac flowers on long, strong spikes; very fragrant in the evening. 1 ft. .....¼ oz. 15c. .05

MARIGOLD (TAGETES)

Old-fashioned flowers, rich and showy, blooming continually all Summer; excellent for bouquets and a beautiful garden plant. Tall African varieties best for garden and cutting, while French varieties are fine for edging. Annual. Plants, see page 132.

No. Pkt.

Mammoth African, Double.

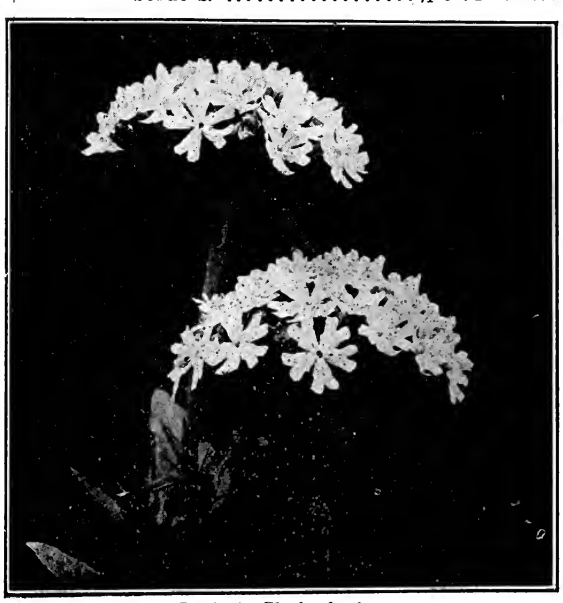
4100 **Finest Mixed.** 3 ft. .....Oz. 60c. $0.05
4105 **Lemon. Double.** 3 ft. .....Oz. 50c. .05
4110 **Orange. Double Deep Yellow.** 3 ft. Oz. 50c. .05

African Quilled. Double.

4120 **Finest Mixed.** 3 ft. .....Oz. 75c. .05
4125 **Lemon. Double.** 3 ft. .....Oz. 75c. .05
4130 **Orange. Double.** 3 ft. .....Oz. 75c. .05
4135 **French, Tall Double. Finest Mixed.** 3 ft. .05

French Dwarf Double.

4140 **Finest Mixed.** 2 ft. .....Oz. 30c. .05
4145 **Striped.** 2 ft. .....Oz. 50c. .05
4150 **Sulphur Yellow.** 8 in.....Oz. 50c. .05
4155 **Brown.** 8 in. .....Oz. 50c. .05
4165 **Single. Sulphur Yellow, Brown Spots.** 8 in. .....Oz. 50c. .05
4170 **Golden Yellow.** 8 in. .....Oz. 50c. .05
4175 **Legion of Honor. Little Brownie.** Large single, golden yellow with purple blotch. 1 ft. .....¼ oz. 15c. .05
4180 **Signata pumila** (Miniature Golden Yellow). Very dwarf; compact; density of bloom all Summer. Excellent for borders. .....¼ oz. 25c. .05



Lychnis Chalcedonica

No. Pkt.

4200 **MARVEL OF PERU** (Four O'Clock). H. A. **Finest Mixed.** Large, showy, fragrant flowers, blooming the entire season. Fine for beds or borders, requiring an ordinary soil. .....Oz. 15c. $0.05

MATRICARIA (Feverfew). H. H. P. Should be treated as an annual. Seed should be sown early in hothouse and transplanted in the open after danger from frost. Flowers borne on long, delicate stems, resembling the double Daisy. Plants, see page 131.

4205 **grandiflora fl. pl.** Pure white. Double.. .05

4210 **eximia** (Golden Ball). Double yellow.. .10

MAURANDYA. G. P. Twining vine, especially adapted to hanging baskets and window boxes. 3 ft.

4215 **Finest Mixed.** .....¼ oz. 50c. .10

4220 **MESEMBRYANTHEMUM crystallinum** (Ice Plant). H. A. Grown for its peculiar leaves, which are covered with small, watery pustules, and glisten like ice. Flowers white. 1 ft. ..... .05

4225 **tricolor.** Succeeding well in hot sandy soil; leaves thick and fleshy; flowers very brilliant and embrace all shades of orange, crimson, pink and white. .05

Mignonette **(Reseda).** This popular annual is grown extensively for borders and edging, and is also used for forcing in greenhouses. Flowers are inconspicuous, borne on terminal spikes, very fragrant and excellent for cutting. Seed may be sown indoors in March or in the open the latter part of May. For Winter flowering sow in August and seedlings will be ready for potting in September.

4250 **Fottler's Eclipse.** Very fragrant variety, producing in great profusion enormous spikes 10 to 15 inches long; superior to all other sorts for Winter growing, exhibition or cutting. Seed grown under glass...Oz. $10, ¼ oz. $3. .25

4255 **Mammoth Fragrant.** Of robust and vigorous habit; immense spikes; very fragrant. 2 ft. .....Oz. $3.50 .15

4260 **Giant Defiance.** Spikes, when well grown in greenhouse, average 10 to 15 in. Oz. 75c. .10

4265 **Goliath.** Large spikes of bright red flowers; excellent fragrance..Oz. $1.50 .10

4270 **Sweet Scented** (Reseda odorata grandiflora). Old-fashioned border variety. Lb. $1.25, ¼ lb. 40c., oz. 15c. .05

4275 **Giant Crimson.** 18 in. .....¼ oz. 25c. .05

Monarda Didyma

No. **MIGNONETTE—Continued** Pkt.

4280 **Improved Machet.** Immense spikes of reddish green flowers; very fragrant. ¼ oz. 30c. $0.10

4283 **Golden Machet.** Large spike..¼ oz. 35c. .10

4285 **White Pearl.** Excellent spikes; whitest flowers. .....⅛ oz. 30c. .10

4290 **MIMOSA pudica** (Sensitive Plant). H. H. A. Flowers globular, oblong, purplish color. Easily grown from seed. When touched leaflets close. 18 in. ⅛ oz. 20c. .10

4295 **MIMULUS moschatus** (Musk Plant). G. A. Pale yellow flowers, lightly dotted and splashed with brown, ¾ inch across. 6 in. .....1-16 oz. 25c. .10

4300 **MIMULUS tigrinus grandiflorus** (Monkey Flower). G. A. Shades of yellow, elegantly spotted and marked crimson... .10

MINA. H. A. Charming free-flowering herbaceous climbers; a genus of Morning Glory. 18 to 20 ft.

4305 **Lobata.** Vivid red buds, turning to creamy white when open....⅛ oz. 35c. .10

4310 **Sanguinea.** Brilliant blood-red...Oz. 50c. .05

MOMORDICA. H. A. Handsome tendril climbers, bearing odd-shaped fruit.

4315 **Balsamina** (Balsam Apple). ....Oz. 50c. .05

4320 **Charantia** (Balsam Pear). .....Oz. 50c. .05

4325 **MONARDA didyma** (Bee Balm). H. P. Large heads of wide-mouthed flowers brilliant and effective. Moist, dark locations are most suitable; will thrive in less moist and sunny borders. 2 ft. Plants, page 144. .15

MORNING GLORY. See **Ipomœa purpurea.**

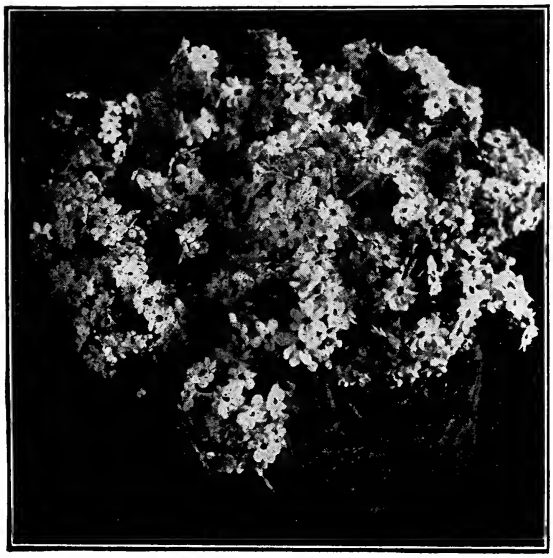
MOURNING BRIDE. See **Scabiosa.**

4330 **MUSA Ensete** (Abyssinian Banana). Large, broad leaves, light green; easily grown from seed. Ornamental for vases, urns and large beds. .....100 seeds $2.00 .15

Myosotis **(Forget-Me-Not).** H. H. P. Small, star-like flowers, borne on terminal racemes. Excellent for borders and flowering extremely early. Seed should be sown in August and young Plants wintered in coldframes.

4340 **Finest Mixed.** 8 in. .....Oz. 75c. .05

4345 **Ruth Fischer.** The largest and finest Forget-Me-Not; flowers measure from ⅜ to ½ inch across and are of a lovely sky-blue; of great value for forcing, pot culture or Spring bedding..... .15



Myosotis, Blue Perfection

Nemesia strumosa Suttoni—*See page 95*

No.	MYOSOTIS—Continued	Pkt.
4350	**grandiflora robusta** (Eliza Fonrobert). Large, bright blue flowers... ¼ oz. 30c.	$0.10
4355	**alpestris rosea.** Large pink flowers. ...	.10
4360	**Blue Perfection.** Beautiful dwarf. Indigo blue, very compact. .. ¼ oz. $1.00	.15
4365	**alba.** Large white flowers.... ¼ oz. 30c.	.10
4370	**indigo.** Large deep blue..... ¼ oz. 40c.	.10
4375	**Victoria.** Bright blue; dwarf, compact habit. Excellent for borders and baskets. 6 in. ..... ¼ oz. 50c.	.10
4380	**dissitiflora.** Extra large, rich blue flowers. Fine for pot plants... ¼ oz. $1.00	.15
4385	**palustris semperflorens.** Excellent bright blue, flowering very early and continuing until Autumn. 6 in..... ⅛ oz. 50c.	.10

NASTURTIUM (TROPAEOLUM)

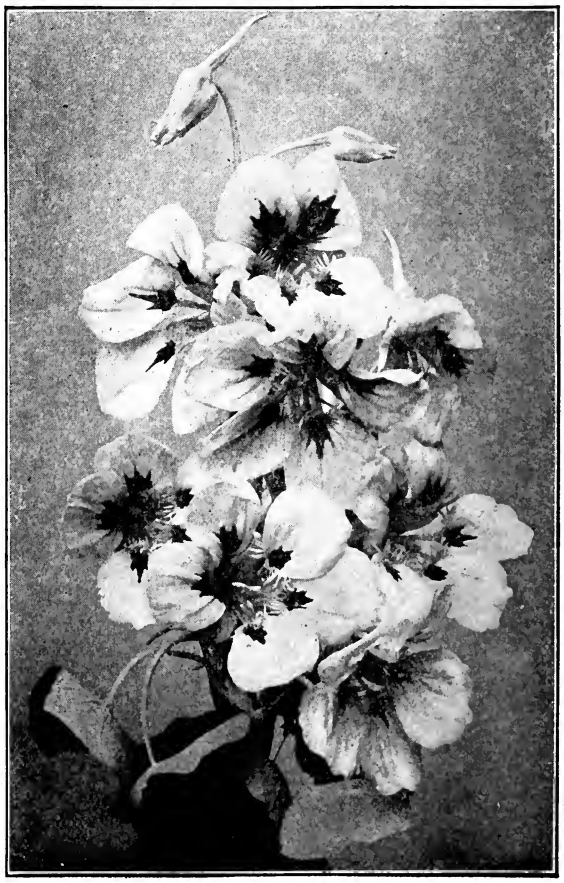
TALL, or RUNNING VARIETIES.

No.	Attain a height of from 10 to 12 feet.	Pkt.
4400	**Blue Ribbon Mixture.** The quality of this mixture is not to be excelled by any, every precaution being taken to have nothing but the best and largest flowering varieties used and the finest assortment of colors obtainable, particularly free flowering, and the true climbing species. ..... Lb. $1.50, ¼ lb. 50c., oz. 20c.	$0.10
4410	**Finest English Mixed.** An imported mixture, containing a large assortment of rich and brilliant colors..... Lb. $1.00, ¼ lb. 30c., oz. 10c.	.05
4415	**Tall Onyx Mixture.** Silvery variegated foliage, hardly two leaves alike. Flowers assorted colors. ... ¼ lb. 75c., oz. 25c.	.10
4420	**Von Moltke.** Blush rose. .....Oz. 15c.	.05
4425	**Edward Otto.** Brownish lilac....Oz. 15c.	.05
4430	**Dark Crimson.** .....Oz. 15c.	.05
4435	**King Theodore.** Deep maroon with dark foliage. .....Oz. 15c.	.05
4440	**Light Yellow.** .....Oz. 15c.	.05
4445	**Dunnett's Orange.** .....Oz. 15c.	.05
4450	**Pearl.** White. .....Oz. 15c.	.05
4455	**Vesuvius.** Salmon rose, dark foliage. Oz. 15c.	.05
4460	**Scarlet.** .....Oz. 15c.	.05
4465	**Prince Henry.** Yellow, marbled scarlet. .....Oz. 15c.	.05
4470	**Scheuerianum.** .Straw color, spotted.... Oz. 15c.	.05
4475	**Scheuerianum coccineum.** Striped scarlet. .....Oz. 15c.	.05
4480	**Collection** of twelve varieties.	.50
4485	**Collection** of six varieties.....	.25

DWARF VARIETIES. Usually growing to a height from 12 to 18 inches.

No.		Pkt.
4500	**Blue Ribbon Mixture.** A superior mixture of the choicest named varieties, suitable for the finest bedding and fine for rockeries. These we mix from our separate named varieties which cannot be surpassed for brilliancy of color. .....Lb. $1.50, ¼ lb. 50c., oz. 20c.	$0.10
4510	**Finest English Mixed.** A superb mixture of English grown seed, comprising a large variety of most brilliant colors. Lb. $1.00, ¼ lb. 30c., oz. 10c.	.05
4515	**Dwarf Onyx Mixture.** Silvery variegated. Assorted colors.. ¼ lb. 75c., oz. 25c.	.10
4520	**Aurora.** Chrome yellow. .....Oz. 15c.	.05
4525	**Beauty.** Yellow, spotted scarlet.....	.05
4530	**Bronze.** Distinct. .....Oz. 15c.	.05
4535	**Chameleon.** Yellow, flaked red. Oz. 15c.	.05
4540	**Crystal Palace compacta.** Buff, spotted maroon. .....Oz. 15c.	.05
4545	**Dark Crimson.** .....Oz. 15c.	.05
4550	**Empress of India.** Deep crimson.....	.05
4555	**Golden Queen.** Golden yellow, yellow foliage. .....Oz. 15c.	.05
4560	**King of Tom Thumb.** Bright scarlet.	.05
4565	**King Theodore.** Black brown..Oz. 15c.	.05
4570	**Lady Bird.** Crimson, yellow spots....	.05
4580	**Pearl.** White. .....Oz. 15c.	.05
4585	**Rose.** Pink. .....Oz. 15c.	.05
4590	**Scarlet.** .....Oz. 15c.	.05
4595	**Yellow.** .....Oz. 15c.	.05
4600	**Collection** of twelve varieties.....	.50
4605	**Collection** of six varieties.	.25

NASTURTIUM Lobbianum. Somewhat smaller flowers than Tropæolum majus; very free-flowering and of more brilliant and richer colors. Foliage is darker and superior for indoor growing, 10 ft.



Nasturtium

No.	NASTURTIUM—Continued	Pkt.
4700	**Choicest Mixture.** ..... Lb. $2.00, ¼ lb. 60c., oz. 20c.	$0.05
4705	**Asa Gray.** Creamy white.....Oz. 20c.	.05
4710	**Cardinale.** Dark cardinal red....Oz. 25c.	.10
4715	**Duc de Vincennes.** Pale lemon yellow..	.10
4720	**Golden Queen.** .....Oz. 25c.	.10
4725	**Geant des Batailles.** Sulphur yellow, carmine. .....Oz. 25c.	.10
4730	**Lucifer.** Dark scarlet. .....Oz. 25c.	.10
4735	**Caroline Schmidt.** Scarlet. .....Oz. 25c.	.10
4740	**Regina.** Salmon. .....Oz. 25c.	.10
4745	**Roi des Noirs.** Blackish maroon.Oz. 25c.	.10
4750	**Spitfire.** Bright scarlet. .....Oz. 25c.	.10
4760	**Collection** of six varieties.....	.45
4770	**Collection** of twelve varieties.....	.90
4800	**NEMESIA strumosa Suttoni.** H. A. A fine little plant for small beds. Leaves are whorled; terminal racemes of white and purplish tinted flowers. 18 in. (See illustration, page 94.)	.15
4805	**compacta, Blue Gem.** Free-flowering and excellent for beds or borders; very effective Forget-Me-Not blue color....	.15
4810	**Fire King.** Vivid scarlet-crimson. A most beautiful color.	.15
	NEMOPHILA. H. A. Requires moist locations, partially shaded; small, cup-shaped flowers of many bright colors.	
4820	**Finest Mixed.** 1 ft. .....Oz. 35c.	.05
4825	**insignis.** Blue. 1 ft.....Oz. 35c.	.05
	NICOTIANA (Tobacco Plant). H. A. Flowers borne in clusters, long, tube-shaped, opening toward evening and emitting a powerful and pleasant odor.	
4830	**affinis.** White. 3 ft. .....¼ oz. 20c.	.05
4835	**colossea.** Excellent foliage plant with leaves 2 ft. long and 1 ft. wide, having a reddish tint. 5 ft.	.15
4840	**Sanderæ. Finest Mixed.** Flowers of a brilliant carmine-red, attaining a height of 3 ft., blooms all Summer...	.10
4845	**sylvestris.** Plants of pyramidal growth; large glaucous leaves; flowers pure white, in large drooping clusters.... ¼ oz. 25c.	.05
	NIGELLA (Love-in-a-Mist, or Devil-in-the-Bush). H. A. Plants bear very showy flowers, with the foliage finely cut.	
4850	**Damascena.** Double blue. 2 ft...Oz. 25c.	.05
4855	**Miss Jekyll.** Double; bright blue; excellent for cutting. .....¼ oz. 25c.	.10
	NIEREMBERGIA. H. H. P. Graceful plants, blooming profusely the whole Summer; fine for vases, baskets, etc.	
4860	**frutescens.** White and blue..¼ oz. 25c.	.10

Nigella Miss Jekyll

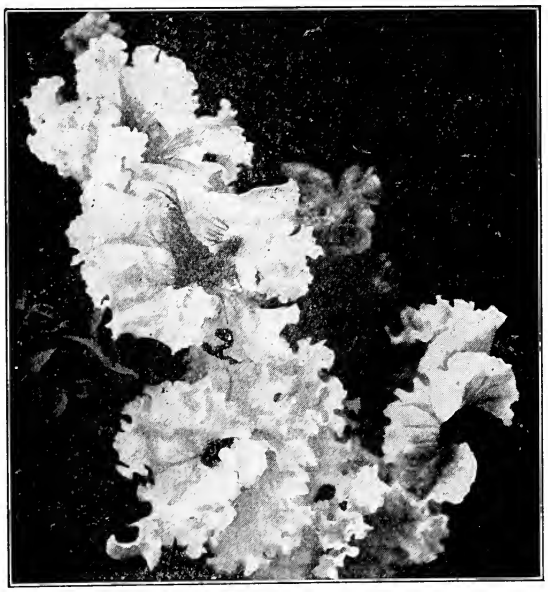
Giant Pansy

No.	NIEREMBERGIA—Continued	Pkt.
4863	**gracilis.** White and purple..¼ oz. 25c.	$0.10
	ŒNOTHERA (Evening Primrose). H. P. Suitable for margins of shrubbery and perennial borders, with large clusters of showy fragrant flowers.	
4865	**Fraseri.** Large; bright yellow. 18 in... ½ oz. $1.50	.10
4870	**Lamarckiana.** Extra large; yellow. 3 to 4 in. in diameter. .....Oz. 35c.	.05
4875	**Speciosa rosea.** Rustic plants, about 18 inches high, with bushy stems of a dull green; small foliage, which completely disappears under an unlimited quantity of pretty, sweet-scented, pink flowers.	.25
4880	**Missouriensis.** Dwarf; yellow. 1 ft....	.10
4890	**PÆONY. Chinese. Finest Double Mixed.** H. P. Extremely large heads of rose-flowered blossoms, 6 inches in diameter. 2½ ft. .....Oz. $1.25	.15
	Roots, see pages 142, 143.	

Pansies. Our strains of this popular flower are imported from the most experienced foreign growers and are unsurpassed for size and form, beautiful markings, brilliancy of colors and shadings. Seed sown in May will flower during late Summer and Autumn. For early Spring flowering, sow in August and protect the young plants either in coldframes or with straw or boughs. Soil best suited should be light, well fertilized and requiring plenty of moisture.

5000	**TRIUMPH EXHIBITION MIXTURE.** A superb mixture, especially desirable for its variety of colors and markings, beauty of form and fine texture..... Oz. $10.00, ⅛ oz. $1.75	.25
5005	**Bugnot's Giant Blotched.** Flowers very large and of extremely rich colors.... Oz. $6.00, ¼ oz. $1.50, ⅛ oz. 75c.	.25
5010	**Cassier's Giant Odier. Finest Mixed.** An extra fine strain, producing large flowers of rich velvety colors...¼ oz. $1.50	.25
5015	**English Show. Finest Mixed.** A select strain of the largest flowering varieties. .....Oz. $4.00, ⅛ oz. 75c.	.20

No.	PANSIES—Continued	Pkt.
5020	**BOSTON FLORISTS' MIXTURE.** A splendid mixture, containing flowers of the highest, purest and most perfect type, with clearly marked designs and exquisite colors. ...Oz. $6.00, ¼ oz. $1.75.	$0.25
5023	**Orchidæflora** (Orchid, or Cattleya-flowered). A superb mixture of light colors, rare shades and extra large flowers. .....¼ oz. $1.00	.15
5025	**Emperor Frederick.** Large, rich deep purple, with golden bronze center, scarlet and yellow margin..... Oz. $4.00, ⅛ oz. 75c.	.20
5030	**Fairy Queen.** Extra large; light blue and white edge. ..Oz. $3.50, ¼ oz. $1.00	.15
5035	**Gold Margined.** Purple, golden edge....	.10
5040	**Madame Perret** (Phenomenal). Wine red shades. .....Oz. $5.00, ¼ oz. $1.50	.25
5043	**Mahogany-colored.** Excellent velvety variety. .....¼ oz. $1.00	.10
5045	**Masterpiece.** Giant Ruffled. Flowers very large, strong growing, robust plants. Most valuable colors; petals are beautifully waved and ruffled.... Oz. $5.00, ¼ oz. $1.50	.15
5050	**Meteor.** Bright terra cotta. ...Oz. $2.00	.10
5055	**President Carnot.** Pure white, five deep violet blotches. ...Oz. $3.00, ⅛ oz. 50c.	.10
5060	**Prince Henry.** Very rich dark blue; extra large. .....Oz. $3.00, ⅛ oz. 50c.	.15
5065	**Choice Mixture.** An imported mixture of finest type, including a large variety of richest colors. ....Oz. $2.50, ¼ oz. 75c.	.10
5070	**Finest Mixed.** Including the richest and finest colors .....Oz. $1.00, ¼ oz. 30c.	.05



Petunia, Fringed Ruffled Giants

No.	GIANT TRIMARDEAU VARIETIES.	Pkt.
5080	**Finest Mixed.** .....Oz. $2.00, ¼ oz. 60c.	$0.10
5085	**Adonis.** Light blue, spotted..... Oz. $2.50, ¼ oz. 75c.	.10
5090	**Bridesmaid.** Rosy white, dark center. Oz. $5.00, ¼ oz. $1.25	.25
5093	**Emperor Franz Joseph** (New). White with large violet spots.....¼ oz. $1.00	.10
5095	**Emperor William.** Ultramarine blue... Oz. $2.50, ¼ oz. 75c.	.10
5100	**Fire King.** Golden yellow, upper petals crimson. .....Oz. $3.00, ¼ oz. $1.00	.10
5103	**Freya** (Silved-edged). Deep purple, white edged. .....¼ oz. 75c.	.10
5105	**Golden Queen.** Rich pure yellow..... Oz. $4.00, ¼ oz. $1.25	.10
5110	**Golden Yellow.** Dark eye..... Oz. $2.50, ¼ oz. 75c.	.10
5115	**King of the Blacks.** Oz. $2.50, ¼ oz. 75c.	.10

No.	PANSIES—Giant Trimardeau Varieties —Continued.	Pkt.
5120	**Lord Beaconsfield.** Violet, shading to White. .....Oz. $2.50, ¼ oz. 75c.	$0.10
5123	**Peacock.** Reddish blue, delicate white edge. .....¼ oz. $1.25	.10
5125	**Prince Bismarck.** Brown and golden bronze marbled. An exceptionally fine variety. .....Oz. $3.00, ¼ oz. $1.00	.10
5130	**Ruby Red.** .....Oz. $5.00, ¼ oz. $1.50	.20
5135	**Snow Queen.** Giant, pure write..... Oz. $2.50, ¼ oz. 75c.	.10
5145	**White, Dark Eye.** ....Oz. $2.50, ¼ oz. 75c.	.10
	TUFTED PANSY (Viola Cornuta). Very free-blooming hardy plants, especially adapted for shady places. Flowers are not so large as in the other varieties of Pansies, but are produced in much greater numbers and are of great diversity of colors.	
5150	**Finest Mixed.** .....¼ oz. 50c.	.10
5155	**Grandiflora lutea.** Yellow.....¼ oz. 40c.	.10
5160	**Rosea.** Pink. .....⅛ oz. $1.00	.25
5165	**Blue Perfection.** Light blue..¼ oz. 75c.	.10
5170	**Admiration.** Dark blue.....¼ oz. 50c.	.10
5175	**White Perfection.** Pure white.¼ oz. 50c.	.10
5180	**Mauve Queen.** Mauve. .....¼ oz. 50c.	.10
	PENTSTEMON. Flowers are borne on long terminal spikes, much resembling Gloxinias. Perennial varieties will bloom the first season if sown early in March, continuing all Summer. 3 ft. Plants, page 144.	
5200	**Wells' Grand Diploma Strain.** An entirely new race, giving the most glorious combinations of colors in scarlet, crimson, pink and white. The plants grow 2½ feet high, with flower-spikes 18 inches long, the individual flowers being 2 inches across. .....1-32 oz. $1.00	.25
5205	**hybridus grandiflorus.** A superior mixture of the choicest perennial varieties. .....⅛ oz. 50c.	.25
5210	**Digitalis.** H. H. P. White, tinted violet. ¼ oz. 20c.	.10
5215	**gloxinioides. Finest Mixed.** (Annual.) Flowers extra large and containing a variety of the richest colors. ⅛ oz. 60c.	.15
5220	**pulchellus hybridus. Finest Mixed.** Annual. .....¼ oz. 60c.	.15

Petunia. H. A. One of our most popular annuals, of the easiest culture, thriving in almost any soil and frequently seeding itself and coming up the following year. Plants, page 132.

5300	**California Fringed Ruffled Giants.** Enormous flowers, having edges of petals beautifully ruffled and fluted. Of great variety of colors, many being beautifully veined.....1000 seeds $1.25	.35
5310	**Giant of California.** The most popular variety for pot culture, having extremely large flowers with beautifully fringed edges and an exquisite variety of rich velvety colors and markings. 18 in. .....1-16 oz. $2.50	.25
5315	**Large-Flowered. Finest Mixed.** Flowers of very choice colors, large size and free blooming. .....Oz. $2.00	.10
5320	**Fine Mixed.** 18 in. .....Oz. 75c.	.05
5325	**Inimitable Striped and Blotched.** Large handsome flowers, beautifully striped and spotted. .....¼ oz. 40c.	.10
5330	**Dwarf Inimitable** (Nana compacta multiflora). Excellent for pot culture and of dwarf habit. 6 in.....¼ oz. $1.00	.15
5332	**Snowball.** The best pure white bedding Petunia, fine compact sort, blooming until frost. .....⅛ oz. 35c.	.10
5333	**Rosy Morn.** Bright rosy pink, white throat, free flowering, very compact. ⅛ oz. 50c.	.10
5335	**Howard's Star.** Dark crimson, with white star in center.....¼ oz. $1.00	.10
5340	**Giant-Flowering Crimson.** Very large.. 18 in.	.15
5345	**Brilliant Rose.** 18 in.....	.25
5350	**Pure White.** 18in.....	.15
5353	**Grandiflora Perfection.** A new strain, very floriferous; flowers deeply fringed and choice assortment of colorings..	.25
	BEDDING VARIETIES.	
5355	**Single White.** 18 in..Oz. $1.00, ¼ oz. 35c.	.05
5360	**Dark Red.** 18 in...Oz. 1.00, ¼ oz. 35c.	.05
5365	**Rose.** 18 in. .....Oz. 1.00, ¼ oz. 35c.	.05

No. PETUNIA—Continued Pkt.

DOUBLE FLOWERING VARIETIES.

5370 **Giant Perfection Hybrids.** A superb mixture of the finest double Petunias in existence, producing at least 70 per cent. of perfectly double flowers, in colors of pink, snowy white, violet, lavender, mauve, crimson and variegations in all these shades; measuring from 3 to 5 inches across. $0.50

5375 **Choicest Mixed.** Comprising a large variety of colors. ..... .25

5377 **Snowball** (New). Beautiful double fringed; extraordinary pure white.... 500 seeds $3.00 .50

5378 **Rosea** (New). Beautiful double fringed pink, and pink and white mottled.... 500 seeds $3.00 .50

Phlox (DRUMMONDII)

This is one of the prettiest annuals and should occupy a prominent place in every garden. It is of easy cultivation, and unequaled for its profusion of bloom, which will continue until frost. The rich and brilliant colors produce an elegant effect in beds or borders. The flowers are also fine for cutting. Plants of annual varieties, page 132, perennial varieties, page 140.

GRANDIFLORA VARIETIES.

No.			Pkt.
5400	**Finest Mixed.**	Oz. $1.25	$0.10
5405	**alba.** Pure write.	Oz. 1.50	.10
5410	**Bright Rose.**	Oz. 1.50	.10
5415	**Brilliant.** Bright scarlet	Oz. 1.50	.10
5420	**Black Warrior.** Dark crimson	Oz. 1.50	.10
5425	**White, Pink Eye.**	Oz. 1.50	.10
5430	**Scarlet, White Eye.**	Oz. 1.50	.10
5435	**Yellow.**	Oz. 1.50	.10
5440	**Collection** six separate varieties		.50

Physostegia Virginiana grandiflora alba

Phlox Drummondii grandiflora

PHLOX DRUMMONDII—Continued

No.			Pkt.
	GRANDIFLORA. Dwarf. 6 in.		
5450	**Finest Mixed.**	¼ oz. $1.50	$0.10
5455	**Fireball. Scarlet.**	¼ oz. 1.00	.10
5460	**Salmon Pink.**	¼ oz. 2.00	.15
5465	**Pure White.**	¼ oz. 1.00	.10

5470 **cuspidata** (Star Phlox). **Finest Mixed.** Flowers star-shaped, with long, pointed petals. 18 in. .....¼ oz. 35c. .10

5475 **decussata** (Tall Perennial Phlox). **Finest Mixed.** One of the finest perennials with its extremely large heads of the most magnificent colored flowers, blooming in August and September. Plants, see page 140. .....¼ oz. 75c. .10

5480 **decussata nana. Dwarf. Finest Mixed.** H. P. Same as preceding variety only attaining a height of from 2 to 3 ft. ¼ oz. $1.00 .10

5485 **PHORMIUM tenax foliis variegatis** (New Zealand Flax). Handsome decorative plant for greenhouse or garden. The rigid erect leaves are often 6 feet in length, narrow, dark green, striped with rich yellow and white. The spikes of orange-colored flowers are 8 to 12 feet high. ..... .25

5490 **PHYSALIS Francheti** (Chinese Lantern Plant). Hardy perennial, treated as an annual, fruiting first season from seed. A Japanese variety of the ground cherry, with large brilliant red seed-capsules which retain their color for months and are fine for Winter decoration. 2 ft. .....Oz. $1.00 .10

5495 **PHYSOSTEGIA speciosa.** H. P. Very pretty, hardy, herbaceous perennial; flowers borne in terminal leafless clusters of rosy lilac color, blooming during July. 2 ft. ..... .10

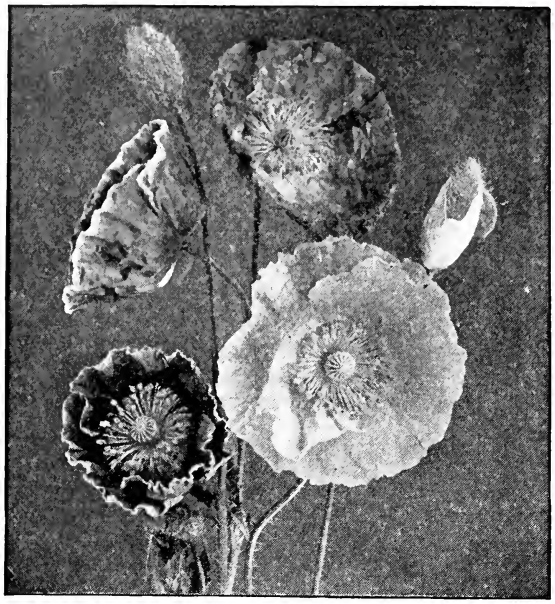
5500 **Virginiana grandiflora alba.** New. Pure white. ..... .10

POLEMONIUM (Jacob's Ladder). H. P. Well known border plants; flowers mostly blue and white, produced in large terminal heads. Requiring a moist soil during the Summer and are perfectly hardy. Plants, see page 144

5505 **cœruleum grandiflorum.** Deep blue. 2 ft. .....¼ oz. 25c. .10

5510 **cœruleum grandiflorum album.** Pure white. 2 ft. .....¼ oz. 25c. .10

5515 **Richardsoni.** Deep blue, extra large flowers. .....¼ oz. 50c. .10



Poppy, The Shirley

Poppy. **(Papaver).** An extensive genus of hardy, or half-hardy annuals or perennial herbs. The flowers are produced in the greatest array of brilliant colors from pure white to the darkest crimson and violet. They should also be sown in the beds or locations where they are to flower, as transplanting does not improve them any. Plants of the perennial varieties are listed on page 144.

No.	**ANNUAL VARIETIES.**	Pkt.
5600	**Superb English Mixture.** Consisting of the choicest varieties of both single and double flowering sorts, producing an endless assortment of the richest, most brilliant and delicate colors. If sown in large bed or tracts will produce a most gorgeous effect. ..... Lb. $4.00, ¼ lb. $1.25, oz. 50c.	$0.10
	THE SHIRLEY. Excellent bedding variety, containing the greatest variety of colors, of white, delicate pink, deep crimson and beautifully striped.	
5610	**Finest Mixed.** Lb. $4.00, ¼ lb. $1.25, Oz. 50c.	.05
5615	**Salmon-pink, frilled edge**.....⅛ oz. 35c.	.10
5620	**White, pink edge.** .....⅛ oz. 35c.	.10
5625	**Deep Apricot.** .....⅛ oz. 35c.	.10
5630	**Deep Pink.** .....⅛ oz. 35c.	.10
5635	**Orange-pink, white center**.....⅛ oz. 35c.	.10
5640	**Pure White.** .....⅛ oz. 35c.	.10
5645	**Scarlet Field Poppy.** Brilliant scarlet. 2 ft. .....¼ lb. $1.00, oz. 35c.	.05
5648	**Black Prince.** Brilliant, blackish brown with a violet hue; finely fringed edge.	.15
5650	**CHAS. DARWIN.** Annual Poppy growing 2 to 2½ feet high and is remarkable for its new color, a rich dark purple, adorned with a black spot at base of pétals. .....¼ oz. 25c.	.15
5655	**Danebrog.** Scarlet, white blotch. Oz. 25c.	.05
5660	**glaucum** (Tulip Poppy). Dazzling scarlet. .....Oz. 50c.	.05
5665	**Hooker's Single Mixed.** 2 ft. ...Oz. 40c.	.05
5670	**The Bride.** Pure white. .....Oz. 30c.	.05
5673	**King Edward.** New large flowering single variety, color deep scarlet to crimson, with large black blotch at base of petals.	.10
5675	**Maid of the Mist.** Large, single white, fringed. .....Oz. 40c.	.05
5680	**Miss Sherwood.** Delicate pink...Oz. 50c.	.10
5685	**Mephisto.** Single deep scarlet, violet spots. .....Oz. 25c.	.05
5690	**umbrosum** (Caucasian Poppy). Bright scarlet, black spots at base of petals.	.05

No.	**Double Carnation-flowered.**	Pkt.
5700	**Finest Mixed.** .....Oz. 25c.	$0.05
5705	**cardinale. Red.** .....Oz. 30c.	.05
5710	**Soft Pink.** .....Oz. 25c.	.05
5715	**White Swan.** Pure white. .....Oz. 25c.	.05
5720	**Yellow.** Pale lemon yellow.....Oz. 25c.	.05
5725	**Black.** .....Oz. 25c.	.05
5730	**May Campbell.** Pure white.....Oz. 25c.	.05
5735	**Mikado.** Double white, striped crimson.	.05
	Double Pæony-Flowered.	
5750	**Finest Mixed.** 2 ft. ...Lb. $1.50, Oz. 20c.	.05
5755	**Pure White.** 2 ft. .....Oz. 25c.	.05
5760	**Nankeen Yellow.** 2 ft. .....Oz. 25c.	.05
5765	**Bright Rose.** 2 ft. .....Oz. 25c.	.05
5770	**Scarlet.** 2 ft. .....Oz. 25c.	.05
5775	**Cherry Red.** 2 ft. .....Oz. 25c.	.05
5780	**Black.** 2 ft. .....Oz. 25c.	.05
	Ranunculus-Flowered.	
5800	**Finest Mixed.** Double flowers, with showy, thin crinkly petals.....Oz. 25c.	.05
	PERENNIAL VARIETIES.	
5810	**alpinum. Finest Mixed.** An early flowering dwarf variety, blooming from May to September. 1 ft.	.10
	NUDICAULE (Iceland Poppy). 1 ft.	
5820	**Storrie's Excelsior Strain.** This mixture contains many new and beautiful colors, including coral-pink, coral-rose, orange-pink, salmon-pink, rose-salmon, pale lemon, blush, etc.	.15
5830	**Finest Mixed.** .....¼ oz. 40c.	.05
5835	**Yellow.** .....¼ oz. 50c.	.10
5840	**alba.** White. .....¼ oz. 50c.	.10
5845	**Scarlet.** .....¼ oz. 50c.	.10
5850	**Orange Scarlet.** .....¼ oz. 60c.	.10
	ORIENTALIS (Oriental Poppy). 3 ft.	
5900	**orientale.** Bright scarlet, black spots at base of petals. ....Oz. $1.50, ¼ oz. 50c.	.10
5905	**Blush Queen.** Delicate pink...⅛ oz. 50c.	.10
5910	**Parkmanni.** Deep scarlet.....⅛ oz. 50c.	.10
5915	**Fire King.** Brilliant scarlet; very large. ⅛ oz. 50c.	.15
5920	**Trilby.** Delicate salmon pink. ..... ⅛ oz. 75c.	.15
5925	**Beauty of Livermore.** Beautiful deep red. .....⅛ oz. 75c.	.15
5930	**Salmon Queen.** .....⅛ oz. 75c.	.10

Oriental Poppy

PORTULACA. H. A. A very free flowering plant; excellent for borders and rockeries and frequently used for bedding. Seed sown in May will bloom during July and a continuous display of flowers will be had until frost.

No.			Pkt.
6000	**Finest Single Mixed.** 6 in.	¼ lb. $1.50, oz. 50c.	$0.05
6005	**Pure White.** 6 in.	Oz. 50c.	.05
6010	**Golden Yellow.** 6 in.	Oz. 50c.	.05
6015	**Delicate Rose.** 6 in.	Oz. 50c.	.05
6020	**Scarlet.** 6 in.	Oz. 50c.	.05
6025	**Crimson.** 6 in.	Oz. 50c.	.05
6030	**Light Yellow.** 6 in.	Oz. 50c.	.05
6035	**Finest Double Mixed.** 6 in.	Oz. $3.75, ¼ oz. $1.00	.10

POTENTILLA. H. P. Ornamental foliage, producing rich, velvety colored flowers in great abundance. Thriving well in almost any good garden soil and may be propagated by division. 2 ft.

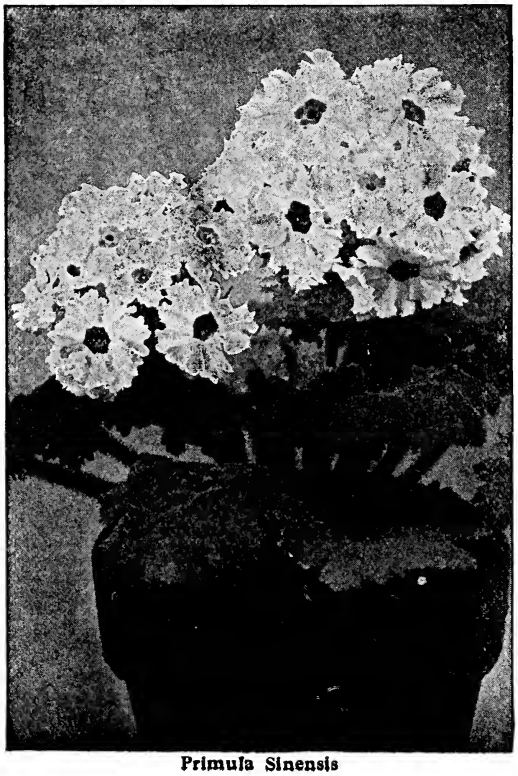
6040	**Finest Single Mixed.**	.05
6045	**Finest Double Mixed.**	.05

PRIMULA

Exceedingly fine, free flowering plants for both bedding and greenhouse use, producing clusters of brilliant colored flowers indoors from November to May; hardy varieties continually in bloom.

SINENSIS (Chinese Primrose). Gold Medal Strain. This remarkable strain of Primrose is specially grown for us by an expert of long experience. Plants are sturdy, robust; large clusters of immense flowers, beautifully fringed, brilliant colors, on long, erect stems well above the foliage.

6050	**Finest Mixed.**	50
6055	**Salmon Pink.**	.50
6060	**Giant White.**	.50
6065	**Brilliant Pink.**	.50
6070	**Deep Blue.**	.50
6075	**Chiswick Red.** (Purplish crimson)	.50
6080	**Crimson King.**	.50
6085	**Double Fringed, Finest Mixed.** Splendid strain of large flowers in brilliant colors	.50



Primula Sinensis

Single Portulaca

No.	**PRIMULA —Continued**	Pkt.
6090	**Kewensis.** Large, golden yellow flowers; fine foliage and very ornamental. 18 in.	$0.50
6095	**stellata. Finest Mixed.** Star-like flowers, borne in clusters, producing a large variety of colors; plants are very graceful and fine for Winter flowering.	.50

OBCONICA GRANDIFLORA. Selected Strain. An improved type of Obconica, flowers large, borne in immense clusters, making one of the finest house plants.

6100	**Finest Mixed.**	.25
6105	**alba.** Pure white.	.25
6110	**Kermesina.** Deep crimson.	.25
6115	**rosea.** Rose pink.	.25
6120	**lilacina.** Lavender.	.25
6140	**Forbesii** (Baby Primrose). Delicate sprays of small lavender flowers.	.15
6143	**auricula** (English Hybrids). **Finest Mixed.** Large flowers borne in umbels, with a fine assortment of colors.	.25
6145	**Officinalis** (English Cowslip). Bright yellow.	.10
6150	**acaulis** (English Yellow Primrose). H. P. Yellow.	.10
6155	**acaulis cœrulea** (English Blue Primrose). H. P. Deep-blue.	.25
6160	**acaulis.** Finest English Mixed. H. P.	.10
6165	**Polyantha.** Finest Mixed. H. P.	.25
6170	**Gold Laced.** Fine yellow-edged sorts	.10

PYRETHRUM (Golden foliage varieties)

6175	**aureum** (Golden Feather). H. H. P. Fine little plant for bordering and edging beds, contrasting very nicely with its bright yellow foliage. 6 in. Oz. 50c.	.05
6180	**aureum selaginoides.** Very fine Fern-like foliage of golden yellow. 6 in. Oz. 75c.	.05

PYRETHRUM. Very showy flowers of easy cultivation; valuable for cutting. The Daisy-like blossoms borne in great abundance and a variety of colors. One of the best hardy perennials.

roseum hybridum grandiflorum fl. pl.

6185	**Double Finest Mixed.** 18 in. ⅛ oz. $3.00	.15
6190	**Finest Single Mixed.** Oz. 2.00	.10
6195	**RHODANTHE Manglesii** (Everlasting). Brilliant rose. Fine for outside border or for greenhouse flowering during the Winter. Oz. $1.00	.05

Salpiglossis Emperor

Ricinus **(Castor-Oil Bean).** Half-hardy annuals with ornamental foliage, making fine center plants for large beds of Cannas, also used along fences. Growing 6 to 10 ft.

No.		Pkt.
6200	**Finest Mixed.** .....¼ lb. 40c., oz. 15c.	$0.05
6205	**Borboniensis arboreus.** Tall, dark green foliage. 15 ft. .....¼ lb. 50c., oz. 15c.	.05
6210	**Cambodgensis.** Compact habit, dark reddish purple foliage; stalks of shiny ebony color. 6 ft. ..¼ lb. 60c., oz. 20c.	.05
6215	**Gibsoni** (Duchess of Edinburgh). Large, dark red leaves of metallic luster. 4 ft. .....¼ lb. 50c., oz. 20c.	.05
6220	**sanguineus.** Tall, with reddish stalks, reddish purple foliage. 10 ft...Oz. 15c.	.05
6225	**Zanzibarensis.** Finest Mixed. Extra large, strong grower, green and red foliage 15 ft. .....¼ lb. 50c., oz. 15c.	.05
	RUDBECKIA (Cone-Flower).	
6230	**amplexicaulis.** H. A. Large, bright yellow, very ornamental. 3 ft. ..Oz. 40c.	.05
6235	**bicolor superba.** H. A. Golden yellow, black center. 3 ft. .....Oz. 75c.	.05
6240	**Neumanni.** H. P. Large golden yellow, velvety maroon center. 3 ft.	.10
6245	**purpurea.** H. P. Very ornamental with reddish purple flowers. 3 ft.	.10

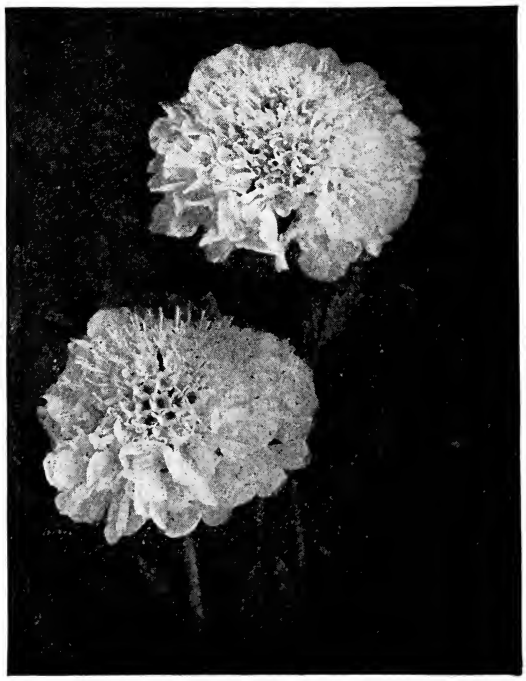
Salpiglossis H. H. A. The funnel-shaped flowers are borne on long, slender stems, in the rich velvety shades of yellow, crimson and purple, which are beautifully penciled and veined; blooms very freely. July to October.

	Emperor.	
6250	**Chamois.** 2 ft. .....⅛ oz. 75c.	.10
6255	**Velvety Violet.** 2 ft. .....⅛ oz. 75c.	.10
6260	**Dark Scarlet.** 2 ft. .....⅛ oz. 75c.	.10
6265	**Purple Brown with Gold.** 2 ft. ⅛ oz. 75c.	.10
6270	**Rose.** 2 ft. .....⅛ oz. 75c.	.10
6280	**Yellow.** 2 ft. .....⅛ oz. 75c.	.10
6285	**Light Blue, with Gold.** 2 ft..⅛ oz. 75c.	.10
6290	**Finest Mixed.** 2 ft. .....⅛ oz. 75c.	.10
6295	**Collection** of six separate varieties.....	.50
	grandiflora. Large fine varieties.	
6300	**Finest Mixed.** 2 ft. .....¼ oz. 50c.	.05
6305	**White.** 2 ft. .....¼ oz. 50c.	.05
6310	**Brown.** 2 ft. .....¼ oz. 50c.	.05
6315	**Scarlet.** 2 ft. .....¼ oz. 50c.	.05
6320	**Crimson.** 2 ft. .....¼ oz. 50c.	.05
6325	**Sulphur Yellow.** 2 ft. .....¼ oz. 50c.	.05
6330	**Rose Pink.** 2 ft. .....¼ oz. 50c.	.05
6335	**Collection** of six separate varieties.	.25

Salvia. H. H. P. One of the most beautiful and showy of our Summer and Autumn flowering plants, with its long spikes of brilliant scarlet flowers. Excellent for bedding and for bordering large Canna beds; also used for annual hedges along walks and driveways.

Plants, see page 132.

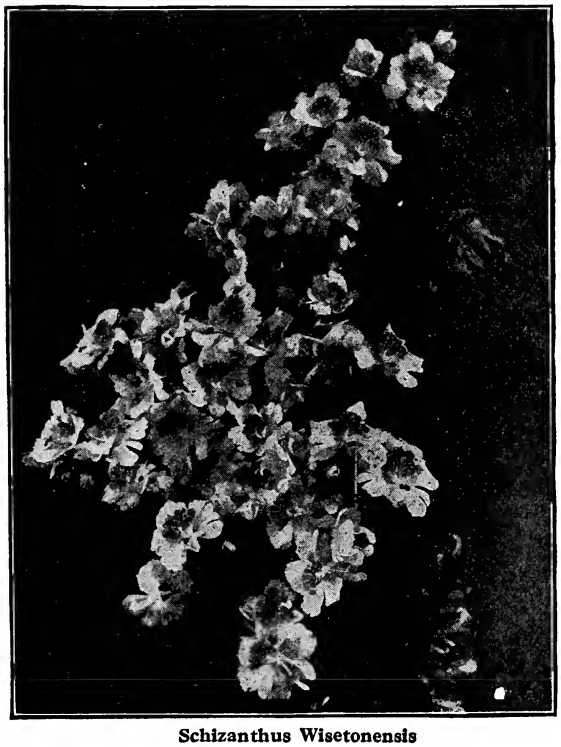
No.		Pkt.
6400	**Zurich.** One of the best of recent introduction; dwarf, compact habit producing long, thick spikes of brilliant scarlet flowers blooming in July. 18 in...$0.20	
6405	**splendens** (Scarlet Sage). The largest and finest bedding variety producing a great profusion of bloom from August until frost. 3 ft...Oz. $2.50, ⅛ oz. 40c.	.10
6410	**splendens compacta.** A dwarf, compact variety of Salvia splendens. 1½ to 2 ft. .....Oz. $3.00, ⅛ oz. 50c.	.15
6415	**Bonfire.** Beautiful dwarf variety, producing long spikes of rich scarlet flowers; very free blooming..... Oz. $3.00, ⅛ oz. 50c.	.15
6420	**King of Carpets.** Grows to the height of 16 to 18 inches and has a round shape, blooms early in the season, has a vegetation of small leaves on the inside, and covers itself completely with long, bright red ears. .....⅛ oz. 75c.	.15
6425	**pyramidalis.** Differing from all other varieties by its pyramidal pillar-like growth, the flowers are large and of the most intense scarlet on long spikes. For pot culture or for beds or borders it is very effective.	.20
6430	**farinacea.** Bright light blue, long bloomer. 3 ft. ....Oz. $1.75, ⅛ oz. 30c.	.10
6435	**patens.** Intense bright blue, extra large velvety flowers. .....⅛ oz. $1.50	.15
	SAPONARIA (Soapwort: Bouncing Bet). H. A. Fine dwarf trailing plant suitable for rockwork, borders or small beds, quite hardy and not particular as to soil or situation.	
6440	**Finest Mixed.** Annual sorts. 1 ft..Oz. 30c.	.05
6445	**Ocymoides splendens.** Handsome trailer, with brilliant red flowers. Hardy perennial. .....Oz. 30c.	.05
6450	**vaccaria..** Beautiful pink; fine for cutting. .....Oz. 50c., ¼ oz. 20c.	.10
6455	**alba.** (New.) Pure white.....¼ oz. 30c.	.10



Scabiosa grandiflora alba

Scabiosa (Mourning Bride). H. A. Fine free-blooming plants for mixed borders and excellent for cutting. Flowers borne on long erect stems, in globular heads in colors of nearly white to dark purple maroon.

No.		Pkt.
	Grandiflora.	
6460	**Finest Mixed.** 2 ft. .....Oz. 75c.	$0.05
6465	**Azure Fairy.** Delicate lavender. 2 ft. Oz. 75c.	.10
6470	**Fiery Red.** 2 ft. .....Oz. 75c.	.05
6475	**Pompadour.** Purple and white. 2 ft. Oz. 75c.	.05
6480	**King of the Blacks.** Velvety black purple. 2 ft. .....Oz. 75c.	.05
6485	**Sulphur Yellow.** 2 ft. .....Oz. 75c.	.05
6490	**Flesh Color.** 2 ft. .....Oz. 75c.	.05
6495	**Pure White.** 2 ft. .....Oz. 75c.	.05
6500	**Collection** of six separate varieties.	.25
	Hardy Perennial Varieties.	
6505	**Caucasica.** Flowers large, pale lilac, blooming all Summer and about 3 inches in diameter. 2 ft...¼ oz. $1.00	.10
6510	**Caucasica alba.** Pure white..¼ oz. 1.50	.15
6515	**Japonica.** Lavender. Large bushy plants, light green pinnated foliage..	.25
	SCHIZANTHUS (Butterfly, or Fringe Flower). H. A. Erect growing for the house or garden. Noted for its wonderful variety of coloring. Of easy culture; its peculiarly shaped and oddly marked flowers fine for cutting.	
6525	**hybridus grandiflora.** Finest Mixed. 18 in. .....Oz. $2.50	.10
6530	**albus.** Pure white. .....Oz. 30c.	.05
6535	**roseus.** Pink. .....Oz. 30c.	.05
6540	**Wisetonensis.** One of the finest large-flowered sorts, colors ranging from pink with brown center to white, yellow center. Excellent for pot plants.	.25
6545	**Wisetonensis, Dwarf Hybrids.** An improvement over the tall variety. Only growing 18 inches, very compact, and showing bloom when 6 inches high...	.25
6550	**SCHIZOPETALON Walkeri.** H. H. A. Producing on slender stems quantities of white almond-scented flowers, which are elegantly cut and fringed at the edges. **June to October. 1 ft. Oz. $1.00**	.10



Schizanthus Wisetonensis

Stokesia cyanea alba

No.		Pkt.
6555	**SEDUM** (Stonecrop). **Finest Mixed.** H. P. Suitable for rockwork, stone walls, edgings and dry situations; their glaucous foliage and bright flowers invariably attract attention. 4 in..Oz. $1.00	$0.10
	SENSITIVE PLANT. See **Mimosa pudica.**	
6565	**SHAMROCK, True Irish** (Trifolium minum). Dainty little house plants; may be had from seed; require a rich, light soil and plenty of moisture. Partial shade is best suited for this novelty..	.10
	SILENE (Catchfly). H. A. Very pretty dwarf plants, used mostly for borders, thriving in almost any common soil and easy of cultivation. 6 in.	
6570	**pendula.** Dwarf; rose color. ....Oz. 25c.	.05
6575	**alba.** Dwarf; white. .....Oz. 25c.	.05
6580	**SILPHIUM perfoliatum** (Compass Plant). H. P. Strong growing herbaceous plants; large heads; pure yellow. 6 ft.	.10
6585	**SMILAX** (Myrsiphyllum asparagoides). G. P. Used extensively for inside decorations, climbing habit, fine for florists' use. 10 ft. .....Oz. 50c.	.10
	SOLANUM (Jerusalem Cherry). G. P. Popular for greenhouse or house decoration; compact, bushy; dark green foliage; tiny white flowers. Seed pods bright scarlet.	
6590	**Capsicastrum.** 2 ft.	.10
6595	**Capsicastrum nanum.** 1 ft.	.15
6600	**SOLIDAGO latifolia** (Golden Rod). H. P. Common throughout the United States, with its long, drooping golden yellow flowers. Excellent for masses. 3 ft.	.05
6605	**STATICE Gmelini** (Sea Lavender). H. P. Long panicles of small, light blue flowers, which if dried make nice Winter bouquets. 2 ft.	.10
6610	**STEVIA serrata.** G. P. The tiny white flowers are produced in long, loose panicles. Fine for cutting. 2 ft. Oz. $1.00	.10
	SUNFLOWER. See **Helianthus.**	

Stock, Newport Beauty

STOCK (Gilliflower)

H. A. One of the choicest and most popular of our hardy annuals for garden or greenhouse culture, bearing long spikes of delightfully fragrant flowers and one of the finest for cutting.

BOSTON FLOWER MARKET (Branching). A particularly large flowering strain, producing from 85 to 90 per cent. of full, double flowers, in sprays from 10 to 15 inches long. 2 ft.

No.				Pkt.
6700	**Finest Mixed.**	Oz. $6.00,	⅛ oz. $1.00	$0.15
6705	**Brilliant Crimson**	Oz. 6.00,	⅛ oz. 1.00	.15
6710	**Canary Yellow.**	Oz. 6.00,	⅛ oz. 1.00	.15
6715	**Dark Blue.**	Oz. 6.00,	⅛ oz. 1.00	.15
6720	**Dark Blood Red**	Oz. 6.00,	⅛ oz. 1.00	.15
6725	**Flesh Color.**	Oz. 6.00,	⅛ oz. 1.00	.15
6730	**Peach Blossom** (New). Rose Pink, center shading to yellow.	Oz. 6.00,	⅛ oz. 1.00	.15
6735	**Bright Rose.**	Oz. 6.00,	⅛ oz. 1.00	.15
6740	**Light Blue.**	Oz. 6.00,	⅛ oz. 1.00	.15
6745	**Pure White.**	Oz. 6.00,	⅛ oz. 1.00	.15
6750	**Scarlet.**	Oz. 6.00,	⅛ oz. 1.00	.15
6760	**BOSTON WHITE GLOBE.** Fine florists' strain. Large, double white flowers on long spikes. 2 ft.	Oz. $5.00		.10

PRINCE BISMARCK (New). Of robust habit, long, vigorous flower stems, very large flowers. Plants 2 to 2½ ft., continue to bloom much longer than other varieties, and produce a large percentage of double flowers.

6770	**Pure White.**	⅛ oz. $1.00	.10
6775	**Light Blue.**	⅛ oz. $1.00	.10
6780	**Light Lilac.**	⅛ oz. $1.00	.10
6785	**Canary Yellow.**	⅛ oz. $1.00	.10

NEWPORT BEAUTY. An exceptionally fine dwarf variety for early flowering; valuable for cutting and making one of the finest pot plants, producing 90 per cent. double flowers.

6795	**Finest Mixture.**	⅛ oz. $2.00	.15
6800	**Snowflake. Pure White.**	⅛ oz. 2.00	.15
6805	**Delicate Light Rose.**	⅛ oz. 2.00	.15
6810	**Light Blue.** Extra fine.	⅛ oz. 2.00	.15
6815	**Ruby.** Fiery red.	⅛ oz. 2.00	.15
6820	**Salmon.** Soft, delicate salmon.	⅛ oz. 2.00	.15
6825	**Sapphire** (New). Deep sapphirine blue.	⅛ oz. $2.00	.15

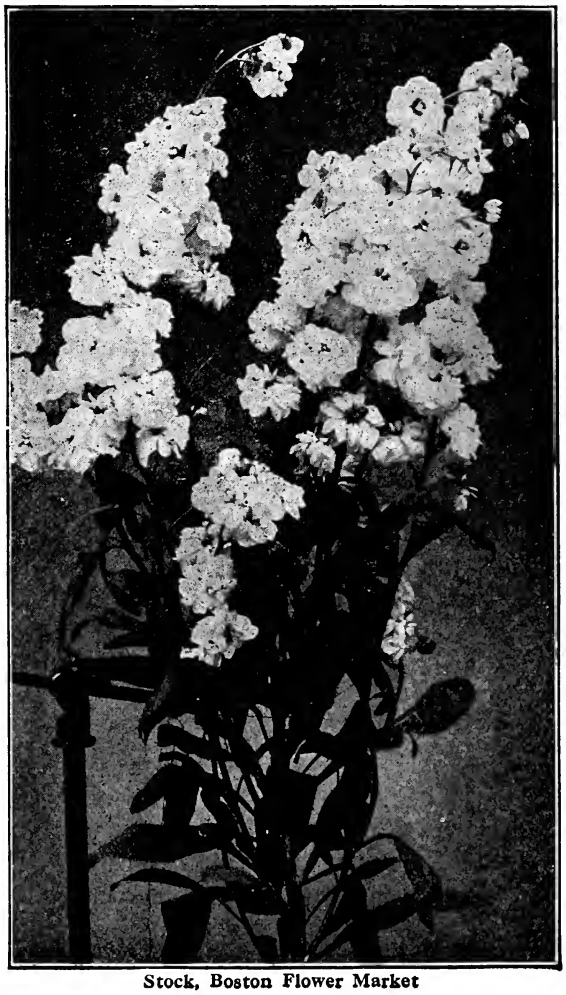
Large-Flowering Ten-Weeks. Fine for pot plants.

6840	**Finest Mixed.**	¼ oz. $1.00,	⅛ oz. 60c.	.10
6845	**Blood Red.**	¼ oz. 1.00,	⅛ oz. 60c.	.10
6850	**Brilliant Rose.**	¼ oz. 1.00,	⅛ oz. 60c.	.10
6855	**Canary Yellow.**	¼ oz. 1.00,	⅛ oz. 60c.	.10
6860	**Crimson.**	¼ oz. 1.00,	⅛ oz. 60c.	.10
6865	**Scarlet.**	¼ oz. 1.00,	⅛ oz. 60c.	.10
6870	**Sky Blue.**	¼ oz. 1.00,	⅛ oz. 60c.	.10
6875	**Violet.**	¼ oz. 1.00,	⅛ oz. 60c.	.10
6880	**Pure White.**	¼ oz. 1.00,	⅛ oz. 60c.	.10
6885	**Collection** of six varieties			.50

STOCK—Continued

No.				Pkt.
	MAMMOTH COLUMN. Exceedingly large terminal spikes; double flowers.			
6890	**Bright Rose.**	⅛ oz. $1.25		$0.15
6895	**Pure White.**	⅛ oz. 1.25		.15
6900	**Light Blue.**	⅛ oz. 1.25		.15
6905	**Crimson.**	⅛ oz. 1.25		.15
6910	**Dark Blue.**	⅛ oz. 1.25		.15
6912	**GIANT NICE ABUNDANCE.** New. Fine spikes; carmine rose flowers; very free blooming	⅛ oz. $1.00		.20
6915	**BEAUTY OF NICE.** Delicate flesh pink; extra large spikes and 90 per cent. double flowers.	⅛ oz. 75c.		.10
6920	**ROSE OF NICE.**	⅛ oz. 75c.		.10
6925	**BLANCHE SUPERB.** Same as Beauty of Nice, only pure white	⅛ oz. 75c.		.10
6930	**CRIMSON KING.** Double; deep crimson			.15
6935	**QUEEN ALEXANDRA.** Rosy lilac. Immense spikes; double flowers.			.15
6940	**PRESIDENT ROOSEVELT.** New. Bright silvery delicate lilac, of extraordinary size, with long stems			.25
6950	**STOKESIA cyanea** (Cornflower Aster). H. P. Beautiful hardy perennials, with handsome lavender-blue Cornflower-like blossoms. 2 ft.	¼ oz. 40c.		.10
6960	**alba.** Pure white.	¼ oz. 40c.		.10
6965	**SWAINSONA grandiflora alba.** G. P. Fine for house or conservatory. Graceful foliage and pure white Sweet-pea-like flowers. 6 ft.			.25

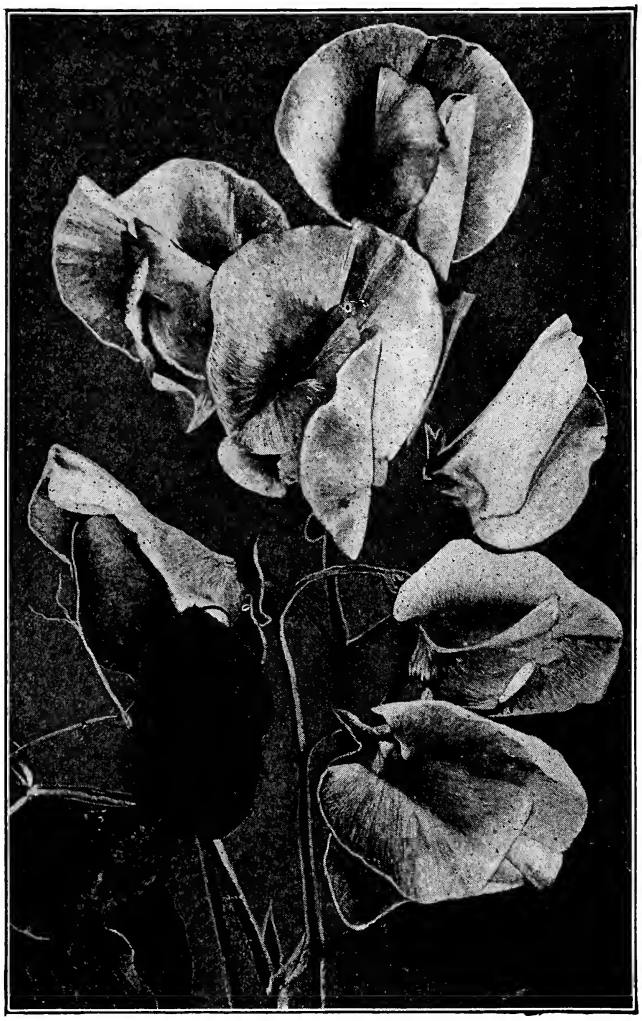
SWEET ALYSSUM. See **Alyssum.**



Stock, Boston Flower Market

SWEET PEAS

Giant Spencer and Orchid-Flowering Varieties



Sweet Pea, Beatrice Spencer

New Varieties for 1914

KING WHITE. The finest pure white Sweet Pea ever offered. The vines are extremely strong, flowers the largest, of the finest frilled type, while the color is of the purest white, and eclipses all other white Sweet Peas. **Pkt. 25c.**

ILLUMINATOR. A very pleasing color, ground of salmon orange with rich bright cerise-pink. Flowers of excellent texture and size. A beautiful new creation. **Pkt. 25c.**

EMPRESS EUGENIE. Blooms beautifully waved and crimped, of a delicate tone of light gray, flaked with light lavender. Free bloomer with vigorous vines. **Pkt. 25c.**

WEDGEWOOD. Producing usually four flowers to a stem, of a unique shade of Wedgewood blue, and the finest Spencer form. **Pkt. 25c.**

MARGARET ATLEE. A particularly fine variety of the duplex type, flowers of extraordinary size. The color is an exquisite shade of salmon pink perfectly suffused over a cream ground, the shade of pink being quite different from any yet seen. **Pkt. 25c.**

ORCHID. One of the finest of the new sorts; the color is a rich deep lavender throughout, standards and wings slightly suffused pink, the true Cattleya color. Plants very vigorous, flowers of exceptional size and a profuse bloomer. **Pkt. 20c.**

General List of Best Spencer Varieties

7000 **AFTERGLOW.** Bright violet blue, shading to rosy-amethyst; color blending very conspicuous. Pkt. 20c., oz. $1.00.

7001 **America Spencer.** Red flaked on white ground. Pkt. 10c., oz. 40c., ¼ lb. $1.50.

7002 **APPLE BLOSSOM SPENCER.** Standard rose, wings light carmine. Pkt. 10c., oz. 30c., ¼ lb. $1.00.

7004 **Asta Ohn Spencer.** Delicate lavender, tinted mauve. Pkt. 10c., oz. 40c., ¼ lb. $1.50.

7006 **Audrey Crier.** Pale salmon-pink, Pkt. 10c., oz. 30c., ¼ lb. $1.00.

7008 **Aurora Spencer.** Rose, flaked white. Pkt. 10c., oz. 40c., ¼ lb. $1.00.

7010 **BEATRICE SPENCER.** White, tinted soft pink. Pkt. 10c., oz. 50c., ¼ lb. $1.50.

7012 **BERTRAND W. DEAL IMPROVED.** Pinkish mauve on primrose ground; inclined to the duplex type. Pkt. 20c., oz. 75c.

BERTHA MASSEY. Pale rosy-lilac, beautifully waved. Pkt. 10c., oz. 50c., ¼ lb. $1.75.

7014 **BLANCHE FERRY SPENCER.** Pink and white. Pkt. 10c., oz. 35c., ¼ lb. $1.00.

7016 **Black Knight Spencer.** Deep maroon. Pkt. 10c., oz. 30c., ¼ lb. $1.00.

7020 **Capt. of the Blues Spencer.** Standard purple and wings bright blue. Pkt. 10c., oz. 30c., ¼ lb. $1.00.

7022 **CHARLES FOSTER.** Light pink, lightly tinted magenta, metallic salmon-flush in standards, sometimes described as pastel shades. Pkt. 20c., oz. $1.00.

7024 **Clara Curtis.** Deep primrose, beautifully waved. Pkt. 10c., oz. 50c., ¼ lb. $1.50.

7025 **CONSTANCE OLIVER.** Delicate shade of pink, suffused cream. Pkt. 10c., oz. 50c., ¼ lb. $1.50.

SWEET PEAS

Giant Spencer and Orchid-Flowering Mixture

In offering our Giant Spencer and Orchid-flowering Mixture of Sweet Peas we are, undoubtedly, giving the public the choicest assortment of varieties obtainable. We use particular pains in selecting the best and largest flowering strains, all of the true Spencer and Unwin types, as well as the colors that will blend together, our large assortment of varieties to select from allowing us to secure the best results. The varieties included in this Mixture will produce from three to four flowers on a stem, the blooms being far superior to the original Grandiflora type previously used, beautifully waved and fluted, with long stems varying from eight to fifteen inches in length.

Pkt. 10c., oz. 25c., ¼ lb. 75c., lb. $2.75.

Sweet Pea, Mrs. Sankey Spencer

SWEET PEAS (SPENCER)—Continued

7026 **COUNTESS SPENCER.** Bright, clear pink, deeper at the edges; large flowers. Pkt. 10c., oz. 40c., ¼ lb. $1.25.

7028 **DECORATOR.** Rose carmine on primrose ground. Rose du Barri of Spencer type. Pkt. 15c., oz. 75c.

7029 **DREAM** (Irish Belle). A lovely rich lilac, flushed with pink. Pkt. 15c., oz. 75c.

7030 **DUPLEX SPENCER.** Delicate light pink on cream ground. Produces a large percentage of double flowers. Pkt. 15c., oz. 75c.

7032 **EARL SPENCER.** Light orange-salmon, with slight metallic tone. Pkt. 15c., oz. 75c.

7034 **EDITH TAYLOR.** Soft salmon-rose. Distinct and attractive. Pkt. 15c., oz. 75c.

7036 **ELFRIDA PEARSON.** Light pink and blush, with deeper margin, inclined to the duplex type. Pkt. 15c., oz. 75c.

7038 **Elsie Herbert.** White, Picotee edged pink. Pkt. 10c., oz. 50c., ¼ lb. $1.75.

7041 **ETHEL ROOSEVELT.** Soft primrose or straw colored ground, dainty splashes of bluish crimson. Pkt. 15c., oz. 50c.

7042 **Etta Dyke.** Pure white, extra fine. Pkt. 10c., oz. 50c., ¼ lb. $1.50.

7044 **Evelyn Hemus.** Rich buff ground, Picotee edge of terra-cotta. Pkt. 10c., oz. 30c., ¼ lb. $1.00.

7046 **FLORA NORTON SPENCER.** Bright blue, slight purple tint. Pkt. 10c., oz. 50c.

7050 **FLORENCE NIGHTINGALE.** Best soft lavender. Pkt. 20c., oz. 60c.

7052 **FRANK DOLBY.** Beautiful pale lavender. Pkt. 10c., oz. 25c., ¼ lb. 75c.

7054 **Gaiety Spencer.** White, striped with rosy magenta. Pkt. 10c., oz. 30c., ¼ lb. 75c., lb. $3.00.

7060 **Gladys Unwin.** Clear light pink, almost self-colored, slightly deeper at edges. Pkt. 5c., oz. 15c., ¼ lb. 50c., lb. $1.50.

7062 **HELEN LEWIS.** Giant Orange Pink. Pkt. 10c., oz. 40c., ¼ lb. $1.25.

7064 **HELEN PIERCE SPENCER.** White ground, veined, mottled and marbled with purplish blue. Pkt. 15c., oz. 75c.

7068 **John Ingman.** Deep, rosy carmine, self. Pkt. 10c., oz. 20c., ¼ lb. 75c., lb. $2.75.

7072 **KING EDWARD SPENCER.** A rich crimson scarlet, enormous flowers and beautifully waved. Pkt. 10c., oz. 40c., ¼ lb. $1.25.

7074 **Lovely Spencer.** Soft shell pink, edges shading to white. Pkt. 15c., oz. 50c.

7075 **MASTERPIECE.** Rich lavender Spencer. Pkt. 20c., oz. 50c.

7076 **Marie Corelli.** Wings are pure, rich rosy crimson, standards cherry. Pkt. 20c., oz. 40c., ¼ lb. $1.50.

Marjorie Willis. An exceedingly fine light pink, large wavy flower. Pkt. 10c., oz. 40c., ¼ lb. $1.50.

7077 **MAUD HOLMES.** Sunproof crimson Spencer, long stems and fine flowers; color a brilliant crimson. Pkt. 20c., oz. 50c., ¼ lb. $1.50.

7078 **Menie Christie.** Purplish mauve. Pkt. 10c., oz. 30c., ¼ lb. $1.00.

7080 **Miriam Beaver** (New). Soft pinkish salmon, suffused buff on primrose. Pkt. 15c., oz. 40c., ¼ lb. $1.50.

7082 **MRS. A. IRELAND.** Standards bright rose pink, clear creamy base, wings beautiful blush, overlaid rose on exterior. Pkt. 10c., oz. 35c., ¼ lb. $1.25.

7086 **MRS. HARDCASTLE SYKES.** Blush pink, large flower, beautifully waved. Pkt. 15c., oz. 50c.

7088 **Mrs. Hugh Dickson.** Light pink on primrose ground, stems long, large graceful blooms and very free. Pkt. 10c., oz. 50c.

7092 **Mrs. Routzahn Spencer.** Apricot, suffused pink. Pkt. 10c., oz. 40c., ¼ lb. $1.25.

7094 **Mrs. Sankey Spencer.** Fine pure white, black-seeded. Pkt. 10c., oz. 40c., ¼ lb. $1.50, lb. $4.50.

7096 **Mrs. Townsend Spencer.** White ground, flaked deep heliotrope. Pkt. 15c., oz. 50c., ¼ lb. $1.50.

7097 **MRS. W. J. UNWIN.** Lovely glowing orange-scarlet, flaked on a white ground. One of the best varieties. Pkt. 25c.

7098 **Mrs. Walter Wright Spencer.** Beautiful shade of mauve. Pkt. 10c., oz. 30c., ¼ lb. $1.00.

7100 **Nora Unwin.** Pure white, extra fine, large and wavy. Pkt. 10c., oz. 20c., ¼ lb. 50c., lb. $1.50.

7104 **Othello Spencer.** Deep glossy maroon. Pkt. 10c., oz. 40c., ¼ lb. $1.25.

7106 **Paradise Ivory.** Ivory white. Pkt. 10c., oz. 35c., ¼ lb. $1.00, lb. $3.00.

7108 **PEARL GRAY SPENCER.** Pearl, or dove gray, suffused light rose, delicate rose shading on standards. Pkt. 15c., oz. $1.00.

7112 **Phyllis Unwin.** Deep rosy carmine, very prettily waved. Pkt. 10c., oz. 20c., ¼ lb. 50c., lb. $1.50.

7118 **Prince Olaf.** White, striped bright blue; a very strong grower. Pkt. 10c., oz. 50c., ¼ lb. $1.50.

7124 **PRIMROSE SPENCER.** Finest yellow. Pkt. 10c., oz. 50c., ¼ lb. $1.75.

7126 **QUEEN ALEXANDRA SPENCER.** Bright scarlet red, almost true scarlet, self-colored. Pkt. 10c., oz. 50c., ¼ lb. $1.75.

7128 **Ramona Spencer.** White, striped with carmine and blush. Pkt. 10c., oz. 40c., ¼ lb. $1.50.

7132 **Ruby Spencer.** Rich ruby red. Pkt. 10c., oz. 50c., ¼ lb. $1.75.

7134 **SENATOR SPENCER.** Ground of light heliotrope, beautifully striped and flaked with deep claret and chocolate. Pkt. 10c, oz. 35c., ¼ lb. $1.25.

7136 **Snowflake.** Pure white; extra long stems; usually four flowers on stem. Pkt. 10c., oz. 30c., ¼ lb. $1.00.

SWEET PEAS (SPENCER)—Continued

7135 **SCARLET EMPEROR.** Rich dark scarlet, sunproof and one of the best of its color. Pkt. 15c., oz. $1.00.
7137 **STERLING STENT.** A beautifully waved shrimp-pink, deeper than Earl Spencer and superior flower. Pkt. 15c., oz. 50c.
7138 **St. George.** Rich cherry red. Pkt. 10c., oz. 35c. ¼ lb. $1.00.
7140 **Sutton's Queen.** Salmon pink, distinct. Pkt. 10c., oz. 40c., ¼ lb. $1.50.
7142 **The King.** Extra large crimson. Pkt. 10c., oz. 40c., ¼ lb. $1.50.
7144 **Tennant Spencer.** Beautiful purple mauve, self-colored. Pkt. 10c., oz. 30c., ¼ lb. $1.00.
7148 **THOMAS STEVENSON.** True Spencer type, beautiful orange-scarlet, waved flowers, usually four on a stem. Pkt. 15c., oz. 60c.
7152 **W. T. Hutchins** (New). Light apricot, overlaid with delicate blush pink. Pkt. 20c.
7154 **WHITE SPENCER.** One of the best pure whites. Pkt. 10c., oz. 50c., ¼ lb. $1.50.

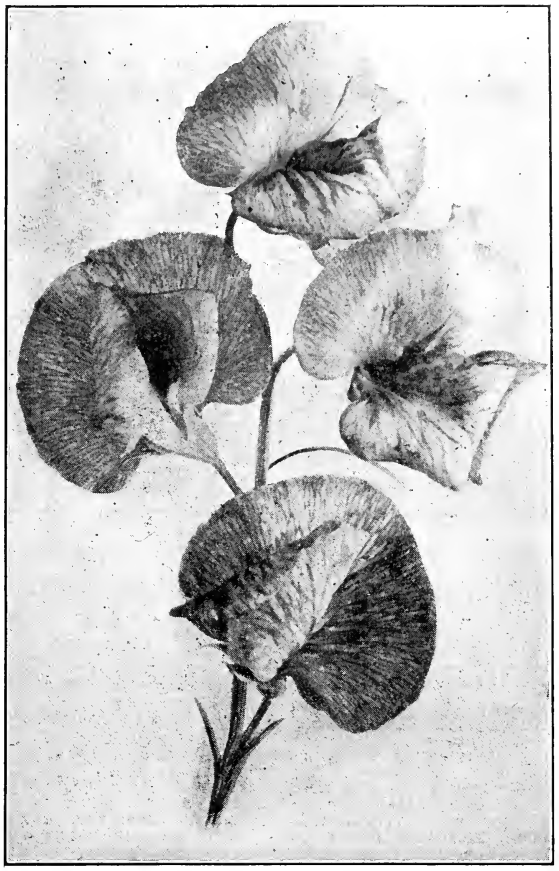
SWEET PEAS
Grandiflora Varieties

Blue Ribbon Mixture

7500 We have a galaxy of colors, of incomparable delicacy and richness, from pure white through yellow, orange, salmon, rose, cerise, ruby, red, maroon, light blue, lavender, violet and purple, and also including the striped and variegated, The varieties include both the hooded and open forms, the medium and large flowered, longest stems, and those which are not subject to burning in extreme hot weather.
Pkt. 5c., oz. 10c., ¼ lb. 30c., lb. $1.00.

Price of the following named varieties, except where otherwise quoted: Pkt. 5c., oz. 10c., ¼ lb. 30c. ½ lb. 50c., lb. $1.00.

7517 **Admiration.** Pinkish lavender, light primrose ground.
7520 **Apple Blossom.** Standard pink, wings white, shaded pink.
7535 **Black Knight.** Very deep maroon.
7540 **Blanche Ferry** (Extra Early). Carmine rose, wings white, tinted pink. Pkt. 5c., oz. 15c., ¼ lb. 50c., lb. $1.50.
7560 **Captain of the Blues.** Purple, wings bright blue.
7575 **Countess of Radnor.** Light mauve standard, lavender wings.
7590 **Dainty.** Pure white edged with light pink.
7595 **Dorothy Eckford.** An excellent pure white.
7605 **Duke of Westminster.** Clear purple, tinted violet.
7630 **Emily Henderson.** Pure white, large size.
7675 **Janet Scott.** Clear deep but bright pink.
7680 **Katharine Tracy.** Standard soft pink, wings a shade lighter. Almost self-colored.
7685 **King Edward VII.** Bright red or crimson scarlet, almost self-colored. Pkt. 5c., oz. 15c., ¼ lb. 50c., lb. $1.50.
7690 **Lady Grisel Hamilton.** Standard light mauve, wings lavender; large size. Oz. 15c., ¼ lb. 50c., lb. $1.50.
7710 **Lottie Eckford.** White, heavily shaded with lilac, rim of deep blue.
7720 **Lovely.** Deep pink, shading to very light pink at edges.
7740 **Miss Willmott.** Orange pink, veins of a deeper orange pink.
7765 **Mrs. Joseph Chamberlain.** Rose, striped on white. Extra large and fine form.
7770 **Mrs. Walter Wright.** Rose purple, self-colored and very large.
7775 **Navy Blue.** Standard indigo and violet, wings indigo, shading to navy blue.
7780 **Othello.** Very dark maroon showing veins of almost black.
7785 **Phenomenal.** White, shaded and edged with lilac. Petals delicate and wavy.
7795 **Prince of Wales.** Rose crimson, self-colored, usually having four blossoms.
7798 **Queen Alexandra.** A fine scarlet, self-colored. Pkt. 5c., oz. 15c., ¼ lb. 50c., lb. $1.50.
7805 **Sadie Burpee** (White-seeded). Pure white.
7828 **The Hon. Mrs. E. Kenyon.** Light primrose, self-colored, very large, semi-hooded form.
7835 **White Wonder.** Pure white, double, producing from four to six flowers on a stem.

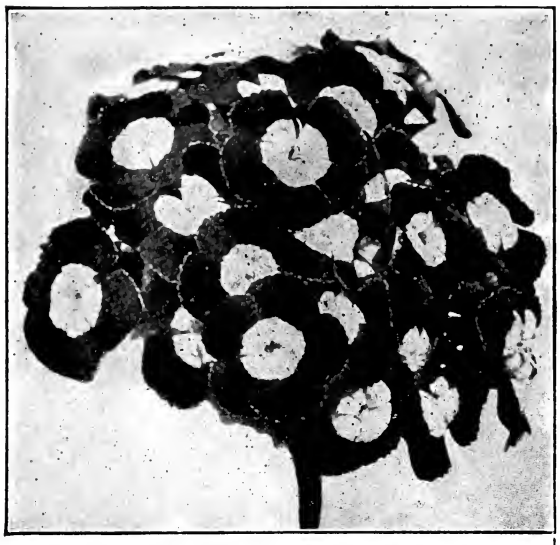


Sweet Pea, Tennant Spencer

SWEET PEAS
For Winter Flowering

The following varieties of Sweet Peas are the best sorts for early winter flowering. If sown in greenhouse during August and early September blooms of excellent quality may be cut for Christmas.

	Pkt.	Oz.	¼ lb
Blanche Ferry. Extra early; pink and white	$0.10	$0.15	$0.50
Burpee's Earliest White. Pure white	.05	.15	.50
Christmas Meteor. Crimson scarlet	.10	.25	.75
Christmas Pink. Pink and white.	.10	.25	.75
Earliest of All (reselected). Pink and white	.10	.25	.75
Florence Denzer. Pure white	.10	.25	.75
Mont Blanc. Pure white	.05	.10	.30
Mrs. Alex. Wallace. The popular true lavender, opening somewhat pinkish, but changing to true lavender when fully open	.10	.25	.75
Mrs. Chas. H. Totty. Sky blue or lavender	.10	.25	.75
Mrs. William Sim. The well-known salmon pink; extra long stems	.10	.25	.75
Mrs. F. J. Dolansky. Daybreak pink	.10	.25	.75
Mrs. George Lewis. Pure white; large, wavy flowers	.10	.25	.75
Mrs. W. W. Smalley. Soft pink, somewhat inclined to salmon; standard open	.10	.25	.75
Wallacea. True lavender. Flower is exactly the same color as Mrs. Alex. Wallace	.10	.35	1.25
Watchung. Pure white. Black-seeded	.10	.25	.75



Sweet William, Diadem

No. Pkt.

SWEET CLOVER. H. B. Cultivated for their fragrant flowers, which are commonly used for dried flowers.

8000 **White.** 3 ft. ..... Oz. 25c. $0.05
8005 **Blue.** 2 ft. ..... Oz. 25c. .05
8010 **Yellow** (Suaveolens). 2 ft. ..... Oz. 25c. .05

Sweet William

(Dianthus barbatus). H. P. Extensively used in old-fashioned gardens; flowers borne in large clusters of most brilliant colors, and are fine for cutting. Plants, see page 145.

8050 **Finest Single Mixed.** 18 in. ..... Oz. 30c. .05
8055 **Auricula-Flowered. Finest Mixed.** Dark eyes. ..... Oz. 75c. .10
8060 **Holborn Glory.** A most magnificent strain with giant flowers and beautiful colors. ..... Oz. $1.00 .10
8065 **Dark Crimson.** 18 in. ..... Oz. 40c. .05
8070 **Pure White.** 18 in. ..... Oz. 40c. .05
8075 **Diadem** (New). A grand and most striking novelty. The flowers are deep rich crimson, with a well defined white eye. Quite distinct from all others.. .20
8080 **Pink Beauty.** Salmon pink. 18 in..... .10
8085 **Sutton's Scarlet.** A grand selection from Pink Beauty; of vivid color; very striking. ..... .15
8090 **Double Finest Mixed.** 18 in. ... Oz. $1.00 .05

SWEET ROCKET. See **Hesperis.**

SWEET SULTAN. See **Centaurea moschata.**

8095 **THALICTRUM adiantifolium** (Meadow Rue). H. P. Forming compact tufts from 12 to 18 inches high; grown mostly for its pretty foliage which resembles Maidenhair Ferns. 3 ft..... .10
8100 **THERMOPSIS lupinoides.** H. P. The yellow flowers in terminal clusters, with palmate, downy, clover-like foliage, are suitable for perennial beds. 4 ft. .15

THUNBERGIA. H. A. Pretty trailing plants, mostly used for window boxes, vases and urns; foliage and flowers produce a striking effect.

8105 **alata.** Yellow, with dark eye. 5 ft. .... .10
8110 **alba.** White, with dark eye. 5 ft..... .10

TORENIA. H. H. A. Plants upright growing, of branching and graceful habit, with profusion of brilliant flowers.

8115 **Bailloni.** Deep yellow and maroon. 1 ft. .10
8120 **Fournieri grandiflora.** Bright blue. 1 ft. .10

TRITOMA (Red-Hot Poker Plant, or Flame Flower). H. P. Magnificent, large spikes of orange-red flowers, attaining a height of 4 ft., effective in single clumps or among shrubbery. Plants, see page 145.

8125 **Uvaria grandiflora.** Orange and scarlet. .10

No. Pkt.

8145 **TROPÆOLUM Canariensis** (Canary Bird Vine). Rapid climber, of easy cultivation, flowering continually all Summer; flowers of a bright canary yellow. ..... Oz. 40c. $0.05
8150 **VALERIAN. Finest Mixed.** H. P. Fine border plants with long spikes of fragrant flowers, suitable for cutting. ..... Oz. 50c. .05
Plants, see page 145.

Verbena

H. H. P. One of the finest bedding plants and also suitable for borders, with its heads of brilliant colored flowers, producing one mass of bloom throughout the Summer.
Plants, see page 132.

Boston Mammoth Strain. Producing immense flowers. Plants of vigorous growth and a great variety of color.

8200 **Finest Mixed.** ..... Oz. $2.00, ¼ oz. 60c. .10
8205 **Pink.** ..... Oz. 2.00, ¼ oz. 60c. .10
8210 **White.** ..... Oz. 2.00, ¼ oz. 60c. .10
8215 **Blue.** ..... Oz. 2.00, ¼ oz. 60c. .10
8220 **Striped.** ..... Oz. 2.00, ¼ oz. 60c. .10
8225 **Scarlet.** ..... Oz. 2.00, ¼ oz. 60c. .10
8230 **Fine Mixed.** ..... Oz. $1.00 .05

Lemon Verbena. See **Aloysia.**

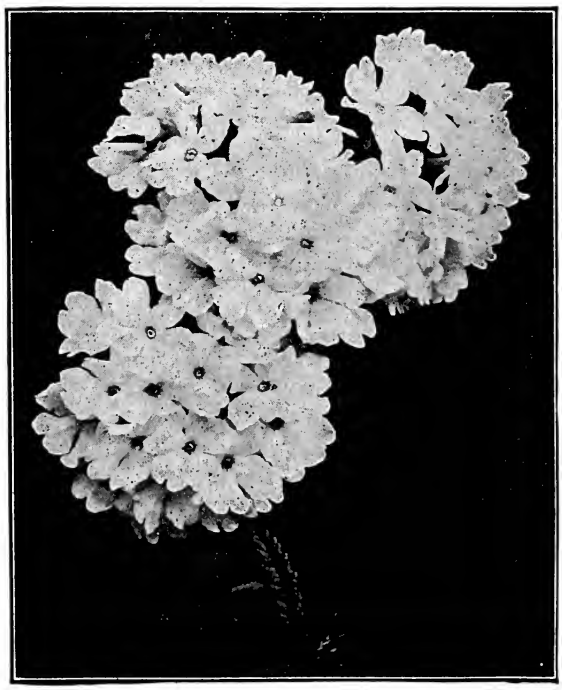
VERONICA (Speedwell). H. P. Long spikes of brilliant blue flowers, excellent for growing in shady places and requiring plenty of moisture. Plants, see page 135.

8235 **longifolia.** Rich blue. 3 ft. ..... .05
8240 **spicata.** Light violet blue. 3 ft. ..... .05

VINCA (Periwinkle). H. A. Of easy cultivation, growing very readily from seed and flowering same season. Plants have dark green foliage and the pink or white single flowers make fine pot plants; excellent for bedding.

8245 **Finest Mixed.** 1 ft... Oz. $1.00, ¼ oz. 35c. .05
8250 **Bright Rose.** 1 ft... Oz. 1.00, ¼ oz. 35c. .05
8255 **Pure White.** 1 ft. ... Oz. 1.00, ¼ oz. 35c. .05
8260 **White with Pink Eye.** 1 ft. ..... Oz. $1.00, ¼ oz. 35c. .05

Vinca. Variegated leaf; trailing. Plants only. See page 132.



Verbena, Boston Mammoth

No. **VIOLA odorata** (Sweet-scented Violet). Pkt.
Well-known favorite, much in demand, on account of its abundant and fragrant blossoms.
8265 **Princess of Wales.** Giant deep violet..$0.15
8270 **The Czar.** Very large dark blue..... .15
8275 **VIRGINIAN STOCK.** Finest mixed early flowering annuals, excellent for bedding and flowering effect.....Oz. 20c. .05
WAHLENBERGIA (Platycodon.) H. P. Large, bell-shaped flowers, similar to the Campanula; fine for perennial borders. Plants, see page 145.
Grandiflora.
8285 **cœrulea.** Blue. 3 ft. .....Oz. 75c. .10
8290 **alba.** White. 3 ft. .....Oz. $1.00 .10
Grandiflora nana (Mariesi). See **Campanula Mariesi,** No. 1670.
WALLFLOWER (Cheiranthus Cheiri). An old-fashioned English flower, greatly esteemed for its fragrance and its free Winter blooming qualities. Parisian varieties flower first season from seed.
8300 **Early Parisian.** Light brown...Oz. 50c. .05
8305 **Early Parisian.** Blood red.....Oz. 75c. .10
8310 **Finest Single Mixed.** 18 in. Half Hardy Perennial. .....Oz. 50c. .05
8315 **Tall Double Branching. Finest Mixed..** .10
WHITLAVIA grandiflora. H. A. Fine for small beds or ribbon borders; bell-shaped flowers produced in constant succession.
8320 **Dark Blue.** 1 ft. .....Oz. 30c. .05
8325 **alba.** White. 1 ft. .....Oz. 30c. .05
WILD CUCUMBER. See **Echinocystis lobata,** No. 2790.

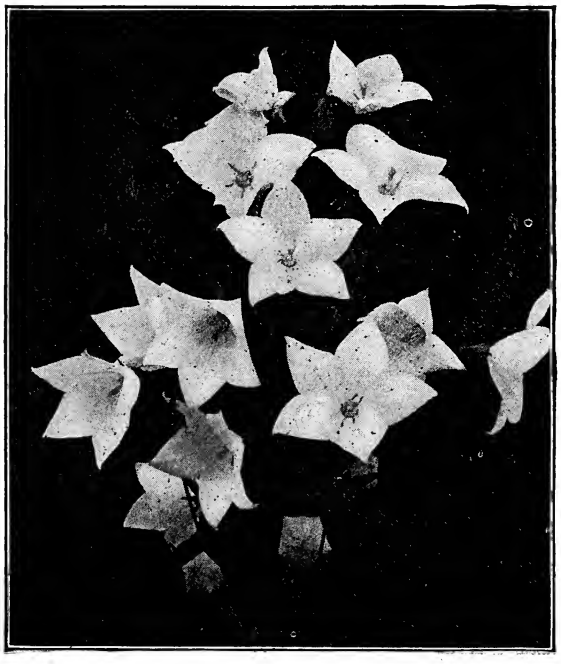
ZINNIA

One of the most popular and most extensively used of all our hardy annuals. The following list comprises a very choice strain of large variety and of the most brilliant colors. Requires but little attention; will grow in any good garden soil. If sown in gentle heat in March, will flower latter part of June and continue until killed by frost. Plants, see page 132.

Superb. Mammoth Strain.

No. Pkt.
8400 **Finest Mixed.** 2 ft. .....Oz. 75c.$0.05
8405 **Canary Yellow.** 2 ft. .....Oz. 75c. .05
8410 **Carmine.** 2 ft. .....Oz. 75c. .05
8415 **Crimson.** 2 ft. .....Oz. 75c. .05

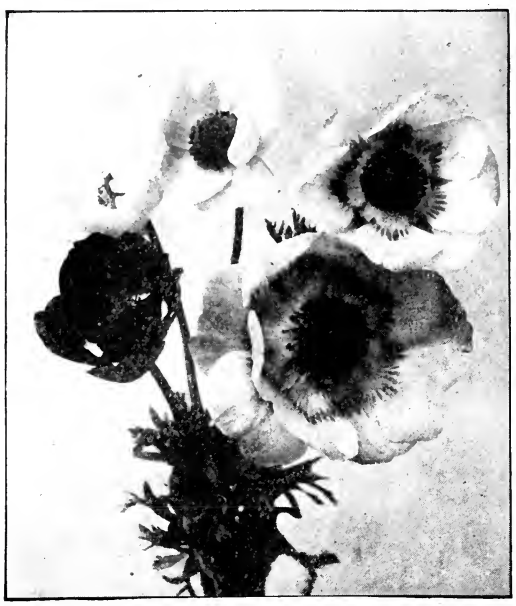
Zinnia, Mammoth



Wahlenbergia grandiflora alba

ZINNA, Superb Mammoth—Continued.

No. Pkt.
8420 **Deep Maroon.** 2 ft. .....Oz. 75c. $0.05
8425 **Flesh Color.** 2 ft. .....Oz. 75c. .05
8430 **Dark Purple.** 2 ft. .....Oz. 75c. .05
8435 **Rose.** 2 ft. .....Oz. 75c. .05
8440 **Scarlet.** 2 ft. .....Oz. 75c. .05
8445 **Striped.** 2 ft. .....Oz. 75c. .05
8450 **White.** 2 ft. .....Oz. 75c. .05
8455 **Golden Yellow.** 2 ft. .....Oz. 75c. .05
8470 **Collection** six varieties. ..... .25
Double Dwarf, Large-Flowering.
8480 **Finest Mixed.** 1 ft. .....Oz. 75c. .05
8485 **Salmon Rose.** 1 ft. .....Oz. 75c. .05
8490 **Sulphur Yellow.** 1 ft. .....Oz. 75c. .05
8495 **Orange.** 1 ft. .....Oz. 75c. .05
8500 **Scarlet.** 1 ft. .....Oz. 75c. .05
8505 **Crimson.** 1 ft. .....Oz. 75c. .05
8510 **White.** 1 ft. .....Oz. 75c. .05
8515 **Collection** six varieties. ..... .25
Curled and Crested. A large flowering variety with curiously curled and twisted petals. 2 ft.
8520 **Finest Mixed.** .....¼ oz. 50c. .10
8525 **Silvery White.** .....¼ oz. 50c. .10
8530 **Orange.** .....¼ oz. 50c. .10
8535 **Bright Scarlet.** .....¼ oz. 50c. .10
8540 **Cream-color.** .....¼ oz. 50c. .10
8545 **Canary-Yellow.** .....¼ oz. 50c. .10
Monstrous-Flowered. An exceedingly large variety, very free flowering, consisting of most brilliant colors. 2½ ft.
8550 **Finest Mixed.** .....Oz. $1.00 .10
8555 **Pure White.** .....Oz. 1.00 .10
8560 **Golden Yellow.** .....Oz. 1.00 .10
Lilliput (Dwarf).
8565 **Finest Mixed.** 1 ft. .....Oz. 1.00 .10
8570 **Golden Yellow.** (Golden Gem)..Oz. 1.00 .10
8575 **Scarlet.** Gem. (Little Red Riding Hood). .....Oz. 1.00 .10
8580 **White.** Gem. 1 ft.....Oz. 1.00 .10
Haageana.
8590 **hybrida fl. pl, Finest Mixed.** 2 ft. Oz. 1.00 .05



Giant French Anemone

Bulbs and Bulbous Roots for Spring Planting

Bulbs are mailed free at the single or dozen rates, except where noted

Achimenes

Small Gloxinia-like Flowers

An excellent plant for the pot or hanging basket. Although termed greenhouse perennial, it can easily be raised in any dwelling apartments. Light, sandy, peaty soil is essential, and during Summer the plants should be placed in a shady but warm location until they begin to bloom, when a cooler spot will prolong the flowering season. Plant six bulbs in a pot.

	Doz.	100
Ambroise Verschaffelt. Large white, veined lilac	$0.75	$5.00
Baumanni cœrulea. Pale blue, white throat.	.75	5.00
Celestial. White, faint porcelain blotch in center	1.50	7.50
Galathea. Violet, large flowers	.75	5.00
Loveliness. Deep violet-rose, white throat..	.75	5.00
Longiflora macrantha. Beautiful blue; large flower	.75	5.00
Margherita. Pure white, immense flower...	1.50	12.00
Rosy. Deep rose	.75	5.00
Treviriana coccinea. Beautiful scarlet....	.75	5.00
Finest Mixed Varieties	.75	

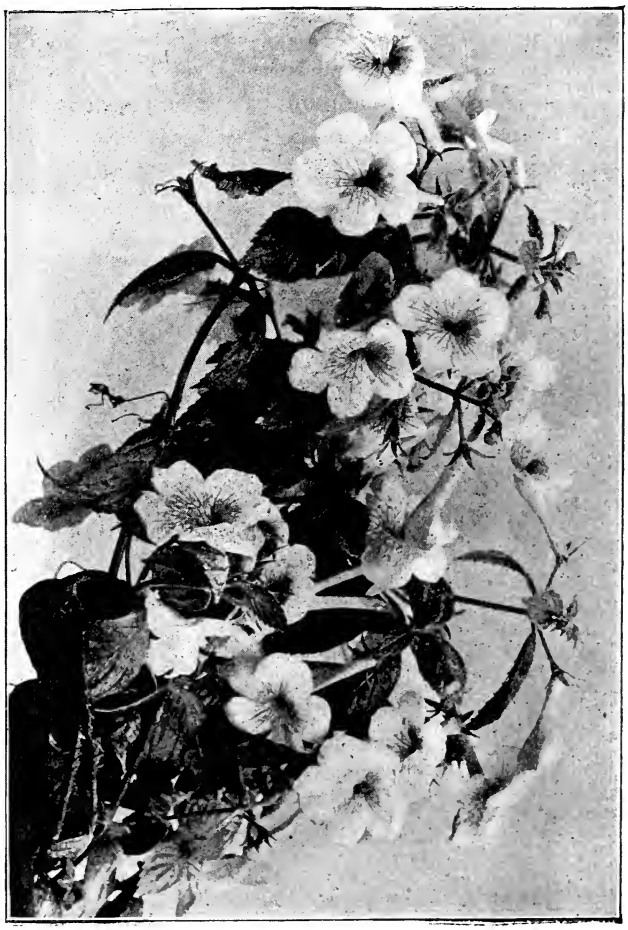
Anemone

Very graceful dwarf growing bulbs, producing large quantities of exceedingly handsome flowers, with a fine assortment of colors. Bulbs may be planted in Fall, but the best results are obtained from Spring planting. They require a shady location, where the sun will not burn their foliage. Bulbs should be planted 6 inches apart and 3 inches deep.

	Doz.	100
Blanda (Blue Winter Windflower). A lovely plant from the hills of Greece, of a fine blue and blooming in Winter and early Spring It should be grown in every rock-garden, planted on the banks that catch the early sun, while it may be naturalized in grassy places in warm soil. It is distinguished by round and bulb-like roots.	$0.60	$3.50
Single Caen (The Giant French, or Poppy-flowered Anemone). Finest Mixed	.30	1.75
Single Coronaria. Finest Mixed...	.15	1.00
Single Blue. Bright color	.20	1.00
Single Scarlet. Very showy	.20	1.00
Single White (The Bride). Pure snowy white	.20	1.00
Single Apennina. Flowers large; sky-blue.	.30	1.50
Single Fulgens (Scarlet Windflower) . Flowers dazzling scarlet, free-flowering; one of the best for forcing.	.50	3.00
St. Brigid (Irish Anemone). Semi-double. A handsome type in shades of scarlet, blue and purple.	.50	3.00
Double Superfine Mixed. Great variety.	.25	1.50
Double Lord Nelson. Violet	.30	2.00
Double Rosette. Charming pink..	.30	2.00
Double King of Scarlets. Brilliant scarlet.	.50	3.50
Double Ceres. White, shaded rose.	.50	2.50

Alstroemeria. A Summer-flowering plant, grows about three feet high, with beautiful large clusters of deep orange flowers, spotted with crimson. Excellent for cutting. Each 15c., doz. $1.50.

Apios Tuberosa. A hardy climber which bears beautiful Pea-shaped, chocolate-colored clusters of flowers during July and August. Requires a shady location. Each 5c., doz. 50c.



Achimenes Margherita

Amaryllis

The Amaryllis, one of the most beautiful of our tender or greenhouse bulbs, is greatly admired though little grown. Bulbs should be potted in the Autumn as soon as possible, and allowed to root slowly. Their flower scape usually appears about February, after which the foliage commences to show. They should be kept growing until August or September and then allowed to rest until flowering time. Do not disturb the roots if repotting is needed. Most varieties are ready for delivery in October.

Add 50 cts. per doz. for postage.

No charge for postage on Single bulbs.

Belladonna major. (Belladonna Lily.) White, tipped rose; large and handsome. Each 15 cts., doz. $1.50.

Belladonna rosea perfecta. (New.) An exquisite clear pink variety of great substance. Each 25 cts., doz. $2.50.

Formosissima. (Jacobean Lily.) Dark crimson, open flower, lower petals recurved. Each 15 cts., doz. $1.50.

Hippeastrum. Newest hybrids. These hybrids are raised from seed of the most famous strains in the world and should not be compared with the old-fashioned species. Each 75 cts., doz. $7.50.

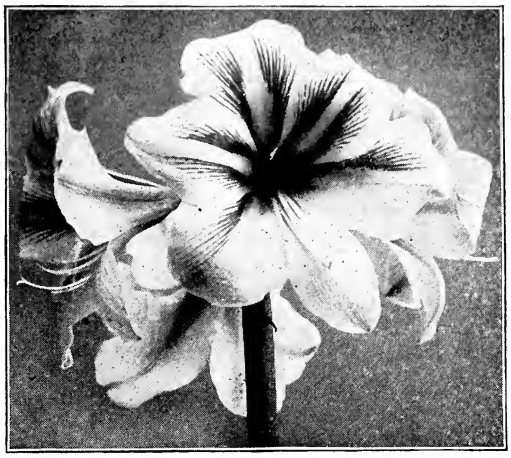
Vittata Hybrida. A variety of Hippeastrum, most intensely colored; very large. Each 75 cts., doz. $7.50.

Defiance. Rich carmine, striped and suffused with white. Each 75 cts., doz. $7.50.

Equestris. A hybrid of Hippeastrum. Scarlet, with broad white stripe, extending from the root to half way up the segments. Each 20 cts., doz. $2.00.

Johnsoni. (Barbadoes Spice Lily.) Another hybrid. Enormous bright crimson flowers with white stripe through the center of each segment. Each 50 cts., doz. $5.00.

Vallotta purpurea. (Scarborough Lily.) Vivid scarlet. Popularly grown in pots, and placed on steps and piazzas, where they flower during the latter part of August. Each 30 cts., doz. $3.00.



Amaryllis Hippeastrum hybridum

Caladium esculentum

Zephyranthes rosea. (Fairy Lily.) Rose-pink flowers; quite hardy and may be planted in the garden on in the lawn. 3 in. across. Each 10 cts., doz. 75 cts., 100 $5.00.

Zephyranthes candida. Pure white; fragrant. Each 10 cts., doz. 75 cts., 100 $5.00.

Bessera Elegans (Mexican Coral Drops)

Free-blooming bulbs with long, narrow, grass-like leaves and slender flower stalks; scarlet flowers. Each 10 cts., doz. $1.00, 100 $7.00.

Caladium Esculentum

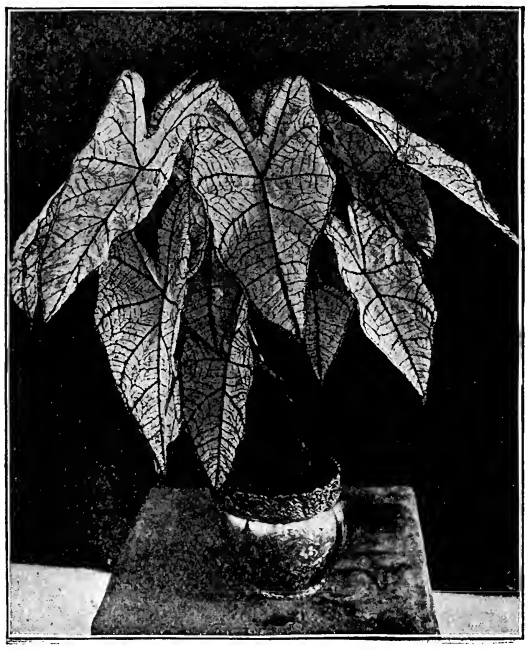
(Elephant's Ear)

Very showy, ornamental plants, producing a sub-tropical effect. Usually planted in groups, and quite often used as a border around bronze-leaved Cannas. The foliage is very large, sometimes two feet across, and resembles to some extent an elephant's ear, which it is commonly called.

Bulbs may be started in pots and planted out during May and June. For good effects they should be planted about fifteen inches apart; usually attain a height of from three to four feet.

Bulbs cannot be mailed, and must be sent by express.

	Each	Doz.	100
First Size Bulbs	$0.10	$0.85	$6.00
Extra Large Bulbs	.15	1.50	10.00
Mammoth Bulbs	.25	2.50	15.00
Growing Plants in May	.25	2.50	15.00



Fancy-Leaved Caladium

Fancy-Leaved Caladiums

In the past few years these have grown very rapidly in popular favor for the decoration of the conservatory, greenhouse, or window box; excellent for planting out of doors when the ground has become warm and in partially shady borders. Soil should be well enriched. These range in a great variation of colors and beautifully marked leaf, which can hardly be described.

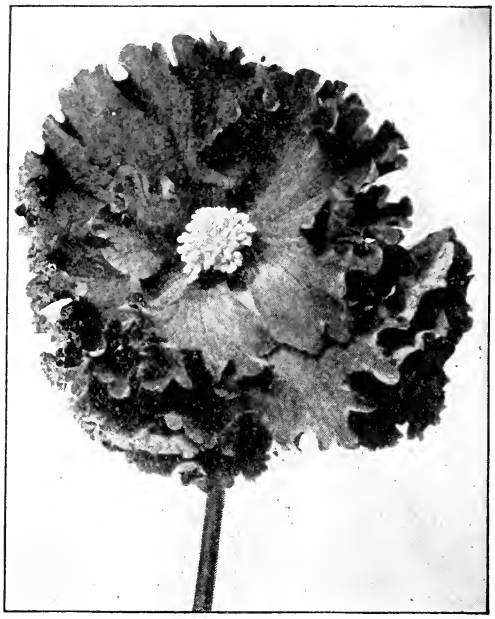
We have these in many varieties which we offer in dormant tubers. When ordered by the dozen we always supply a variety of colors, giving the names at the same time.

Superfine Mixture. Each 20 cts., doz. $2.00.
Choice Named Sorts. Each 30 cts., doz. $3.00.

Camassia Esculenta

Add 10 cts. per 100 for postage.

Very hardy and attractive Spring flowers, varying in color from deep blue to nearly white. They will last for years without disturbing and are very effective among shrubbery borders. Doz. 30 cts., 100 $1.50.



SINGLE-FRINGED BEGONIA

Begonias—Tuberous-Rooted

Begonias are indispensable for shady places, and every garden possesses one or more shady spots. May be planted out of doors latter part of May. Started in the house during March and April, the first flowers will appear in June and increase with the season, the plants attaining their height of perfection just before frost sets in. Keep constantly moist.

We have established a reputation on the quality of our Begonias. The size and quality of the bulbs we ship should be sufficient guarantee of their superiority in quality.

New Named Begonias

The following two new varieties of tuberous-rooted type grow about 10 inches high, flowers very double and measure 1½ to 2 in. across. Flowering continually till frost.

Lafayette. Brilliant crimson scarlet.
Duke Zeppelin. Intense vermilion.
Each 20c., doz. $2.00, 100 $14.00.

Single-Flowering Begonias

	Doz.	100	1000
Rose Pink	$0.50	$3.50	$30.00
Scarlet	.50	3.50	30.00
Crimson	.50	3.50	30.00
White	.50	3.50	30.00
Yellow	.50	3.50	30.00
Orange	.50	3.50	30.00
Salmon	.50	3.50	30.00
Mixture of all Colors	.50	3.50	30.00

Double-Flowering Begonias

	Doz.	100	1000
Light Rose	$1.00	$7.00	$60.00
Scarlet	1.00	7.00	60.00
Crimson	1.00	7.00	60.00
White	1.00	7.00	60.00
Yellow	1.00	7.00	60.00
Orange	1.00	7.00	60.00
Mixture of all Colors	1.00	7.00	60.00

Begonias—Tuberous-Rooted

CULTURE.—The tubers may be started in February or March. The soil should be light, containing plenty of leaf mould and sand. In planting, care should be taken to set the crown of the tuber, which is usually somewhat depressed, upward. The tubers should be covered half an inch with light soil and watered sparingly until they start, after which more water may be given. The temperature should be 60 to 70 degrees. The started plants, when intended for bedding purposes, may be transferred to the beds in the open ground early in June, by which time they should be in bloom. The plants should be set ten or twelve inches apart.

Although there is much to be gained by starting the tubers early as just described, they may be planted unstarted in the open ground beds in the last week of May or later, with excellent results.

Single-Fringed Begonias

Beautiful giant blooms, with elegantly-fringed edges, giving the flower a most graceful appearance. There are rather new, and quantity is limited.

	Each	Doz.	100
Scarlet	$0.15	$1.50	$10.00
Rose and Pink	.15	1.50	10.00
Salmon	.15	1.50	10.00
White	.15	1.50	10.00
Yellow	.15	1.50	10.00
Orange	.15	1.50	10.00
All Colors Mixed	.15	1.50	10.00

Single-Crested Begonias

This is quite a new break in Begonias. The petals are of great substance, and carry on the upper side a crest in the shape of a cockscomb.

	Each	Doz.
Salmon	$0.15	$1.50
Pink	.15	1.50
White	.15	1.50
Yellow	.15	1.50
Copper	.15	1.50
Scarlet	.15	1.50
All Colors Mixed	.15	1.50

SINGLE TUBEROUS-ROOTED BEGONIA

Calla Lilies (Arum)

Add 25c. to the dozen price for postage.

Alba maculata. (The Spotted-leaf Calla.) This variety is perfectly hardy in this climate and is an excellent acquisition for the border or in clumps near ponds. Beautiful as pot plants. Flowers white. Foliage spotted white. Each 10c., doz. $1.00.

Elliottiana. (The Golden Calla.) A new variety with rich, golden-yellow flower and white-spotted foliage. May be grown to bloom during February and June. Flowers in Summer if planted in the early Spring. Bulbs ready in November. Each 50c., doz. $5.00.

Little Gem. A miniature of the White Calla; grows 12 inches high and has flowers one-half the size of the regular; very graceful. A number of these may be grown in one pot. Ready for delivery in November. Each 10c., doz. $1.00.

Pearl of Stuttgart. A comparatively new variety of graceful habit; dwarf, compact foliage, 18 inches high and large, massive flowers standing well above it. Excellent for pot plant. Ready for delivery in November. Each 25c., doz. $2.50.

Cinnamon Vine (Chinese Yam)

Splendid, hardy climber, rapid grower, with bright, glossy green, heart-shaped leaves. White Cinnamon-scented flowers. Each 10c., 3 for 25c., doz. 75c., 100 $3.00.

Crinum Kirkii

A bulbous plant producing usually a two-flowered spike, growing about 2 feet in height, and surmounted by clusters of Amaryllis-like flowers, pure white striped with purple. Each 50c., doz. $4.00. These are extra large bulbs and cannot be mailed.

Crinum Powellii

When grown in tubs makes a beautiful effect, owing to the prolific growth of offsets. It differs from other varieties in that it blooms all Summer instead of a short period. By express only.

	Each	Doz.
Powellii alba	$0.50	$4.50
Powellii rosea	.50	4.50
Intermedium	.50	4.50

Eremurus

Sent by express only

Himalaicus. A very effective plant, producing fine white flowers about 1 inch in diameter. Each 75c., doz. $8.00.

Robustus. A very large and beautiful perennial, flowering first of June. The strong stems attain a height of 7 or 8 feet, bearing large, soft rose flowers in dense spikes. Each $1.00, doz. $10.00.

Gloxinia

For a Summer-flowering plant, both for greenhouse and window, this is the most desirable and can be easily raised from bulbs. We have these in a great variety of colors and all are of the large-flowering variety.

Bulbs ready for delivery about January 15th.

	Each	Doz.	100
Dark Violet	$0.10	$1.00	$7.00
Pink	.10	1.00	7.00
Brilliant Scarlet	.10	1.00	7.00
Violet Edged White	.10	1.00	7.00
Pure White	.10	1.00	7.00
Spotted	.10	1.00	7.00
Scarlet Edged White	.10	1.00	7.00
All Colors Mixed	.10	1.00	7.00

Hyacinthus Candicans

(Summer Hyacinth)

Add 12c. per doz. for postage

A most valuable, hardy perennial, showing its majestic, pure white, bell-shaped flowers during August. Most effective if planted in large clumps between shrubbery. Mammoth bulbs. Doz. 50c., 100 $3.00, 1000 $20.00.

Gloxinia

Ismene Calathina Or Pancratium Calathinum (Sea Daffodil)

A splendid house plant for the Winter or an outdoor plant for the garden. The plant resembles an Amaryllis and produces large Lily-like blooms of a milky white. They may be flowered in pots in the house or can be had in bloom during Summer. They should be rested, the same as Amaryllis. Each 15c., doz. $1.50, 100 $10.00.

Nymphaeas (Water Lilies)

The cultivation of Aquatics is of the simplest; their requirements are sunshine, water and plenty of rich soil. They are divided into two classes, hardy and tender; the former may be planted in ponds, lakes or sluggish streams, early in the Spring and under the same conditions as our native Water Lily; they will grow luxuriantly and flower profusely the entire season. We have a large list of varieties.

Alba candidissima. A vigorous and desirable variety. Flowers good sized and pure white. An early and free bloomer. Each 50c., doz. $5.00.

Gladstoniana. Flowers dazzling white, 6 to 8 inches across; petals concave and broad. A free and continuous bloomer and one of the finest white Lilies in cultivation. Each 50c., doz. $5.00.

Marliacea albida. A vigorous variety; flowers large, of sparkling whiteness, stamens light yellow, sepals flushed pink, fragrant and produced freely and continuously through the season. Very desirable. Each 50c., doz. $5.00.

Marliacea carnea. Similar to the preceding, save in color, which is of a soft flesh pink, deepening toward the base of the petals. Each 75c., doz. $7.50.

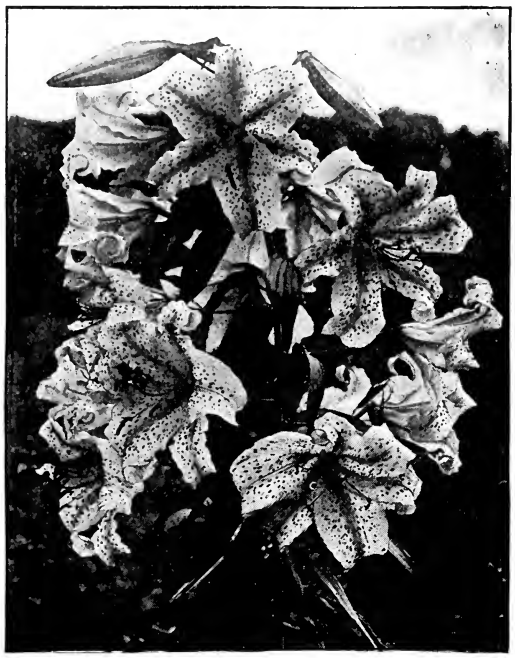
Odorata. This is the fragrant Pond Lily of the northeastern United States; flowers white, 3 to 5 inches in diameter, stamens yellow, leaves dark green above, under surface deep red to reddish green; splendidly adapted for planting in quantity in natural ponds. Each 20c., doz. $2.00.

Odorata rosea. (The Cape Cod Pond Lily.) Flowers 4 to 5 inches across; color a beautiful rose pink; very fragrant. Almost lost, is now rarely met with even in its old haunts. Each 50c., doz. $5.00.

Odorata sulphurea. Flowers fragrant, 4 to 5 inches across; sulphur yellow, standing well above the water. A desirable variety. Each 35c., doz. $3.50.

Tuberosa rosea. Flowers of an exquisite shade of pink, 4 to 5 inches across, standing well out of the water. Desirable. Each 35c., doz. $3.50.

Tuberosa Richardsoni. Flowers white, 6 to 8 inches across, forming with its numerous petals a perfect globe when fully open. The most beautiful white Lily; fragrant. Each 35c., doz. $3.50.



Lilium auratum

Hardy Lilies

We make a specialty of Hardy Lilies. We can only deliver these as they mature and also according to the importations. Some varieties do not arrive in this country until the middle of November, while our native Lilies can be delivered as early as October 20. Lilium candidum can be delivered after September 10. The majority of these varieties arrive in the late Fall, but most deliveries are made in early Spring.

AURATUM. (Golden-banded Lily of Japan.) This variety grows on a strong stem, 4 to 5 feet high, from six to twelve immense blooms which measure 10 inches when expanded. The flowers are white, with a broad yellow stripe through the center of each petal and freely spotted chocolate crimson. Their fragrance is delicious. Mammoth Bulbs, 11-13 cir. Each 35c., doz. $3.50, 100 $25.00. Extra Large Bulbs, 9-10 cir. Each 25c., doz. $2.50, 100 $15.00. First Size Bulbs, 8-9 cir. Each 15c., doz. $1.50, 100 $10.00.

AURATUM RUBRUM VITTATUM. Very large flowers, often 1 foot across; pure ivory white, with broad crimson stripe through center of each petal. One of the choicest sorts. Each 75c., doz. $7.50.

BATEMANNI. Japanese Lily, producing bright orange-red flowers. 3 to 4 feet. July and August. Each 25c., doz. $2.50.

BROWNII. Flowers very large, trumpet shaped, pure white inside, brownish outside. Stamens chocolate color. 3 feet. July and August. Each 75c., doz. $8.00.

Candidum. (Ascension, or Madonna Lily.) These are the famous bulbs from northern France, and, although they can be successfully forced, they are far better for the open garden. This is one of the best varieties for scattering among shrubs and in perennial beds. June and July. Our bulbs are all selected and the largest and strongest procurable. Each 15c., doz. $1.50, 100 $10.00.

Canadense. (Native Canadian Bell Lily.) Flowers bright yellow, with small black spots. A most graceful Lily and excellent for naturalizing in shrubs and woods. It usually grows 2 to 3 feet high, with a great quantity of blossoms; fine among shrubbery. Each 12c., doz. $1.00, 100 $9.00.

Canadense rubrum. Similar to above, only crimson, spotted with black; flowers in July and August. Each 15c., doz. $1.75, 100 $12.00.

Chalcedonicum. (Scarlet Turk's Cap.) Brilliant scarlet recurved flowers. Each 60c., doz. $6.00.

Colchicum. Beautiful golden yellow, spotted with black. Each 25c., doz. $2.50.

Croceum. A splendid Lily of erect type, bearing from three to eight enormous flowers of a deep orange-tinted scarlet. Flowers in July. Each 20c., doz. $2.00.

Elegans atrosanguineum. One of the earliest-flowering Lilies. Deep, rich crimson, with dark spots. Flowers in June and July. Each 25c., doz. $2.50, 100 $15.00.

Elegans bicolor. Bright red flushed; very showy and large. July. Each 12c., doz. $1.25, 100 $9.00.

Elegans robusta. An immense flower of the true type; three to five flowers in a cluster. Flowers in July. Each 25c., doz. $2.50.

Elegans Painted Chief. Bright flame color. Each 20c., doz. $2.00.

Elegans Leonard Joerg. Rich apricot spotted; very fine. Each 20c., doz. $2.00.

Excelsum. (Isabellinum.) Flowers recurved and of delicate buff color. Very fragrant. July. 4 to 5 feet. Each 50c., doz. $5.50.

HANSONII. Deep golden yellow, spotted chocolate. Each 50c., doz. $5.00.

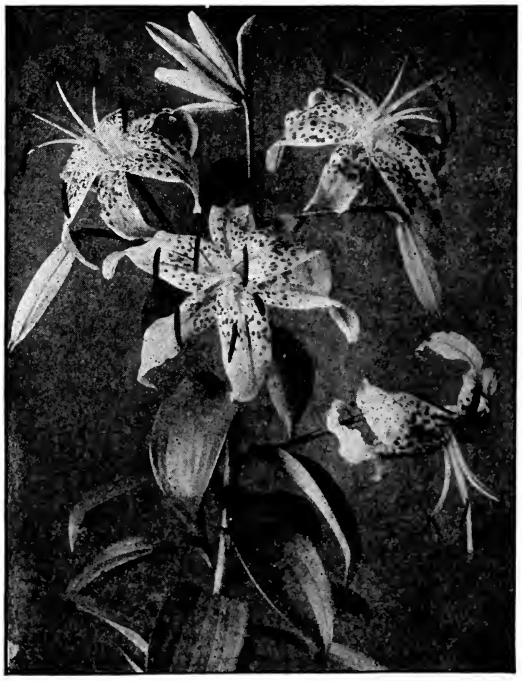
HENRY. (Yellow Speciosum.) A vigorous Lily; color deep orange yellow, banded with green. Each 50c., doz. $5.00.

KRAMERI. Blush pink; fragrant and beautiful trumpet-shaped flowers. Blooms in August. Each 25c., doz. $2.00.

Martagon. A graceful Lily, with flowers of the Turk's Cap type of a reddish brown. Height 3 feet. Six to ten flowers. June. Each 20c., doz. $1.50.

Pardalinum. (Leopard Lily.) Rich scarlet and yellow flowers, spotted with rich brown. Robust and free flowering. Each 15c., doz. $1.50, 100 $10.00.

Superbum. (Our Native Turk's Cap Lily.) Rich orange-red petals, tipped red and dark spotted. 4 to 6 feet high. Blooms July and August. Each 15c., doz. $1.50, 100 $10.00.



Lilium speciosum rubrum

HARDY LILIES—Continued

Speciosum Varieties

ALBUM. (White Japanese Lily.) This variety of Speciosum is undoubtedly the hardiest and most popular Lily for the border of garden. They grow from 3 to 4 feet high and continue to bloom from August till frost. The above variety is pure white.
Mammoth Bulbs, 9-10 inches. Each 25c., doz. $2.50, 100 $20.00.
Selected Bulbs, 8-9 in. Ea. 20c., doz. $2.00, 100 $16.00.

ROSEUM. (Pink Japan Lily.) White, shaded and spotted dark rose.
Mammoth Bulbs, 9-10 inches. Each 25c., doz. $2.50, 100 $18.00.
Selected Bulbs, 8-9 in. Ea. 15c., doz. $1.50, 100 $10.00.

RUBRUM. (Red Japan Lily.) White, suffused and spotted crimson.
Mammoth Bulbs, 9-10 inches. Each 25c., doz. $2.50, 100 $18.00.
Selected Bulbs, 8-9 in. Ea. 15c., doz. $1.50, 100 $10.00.

MELPOMENE. Large; deep crimson, heavily spotted.
Mammoth Bulbs, 9-10 inches. Each 25c., doz. $2.50, 100 $18.00.
Selected Bulbs, 8-9 in. Ea. 15c., doz. $1.50, 100 $10.00.

MAGNIFICUM. Most intensely colored of all Speciosum varieties. A large clump of these Lilies will make a wonderful effect.
Mammoth Bulbs, 9-10 inches. Each 25c., doz. $2.50, 100 $18.00.
Selected Bulbs, 8-9 in. Ea. 15c., doz. $1.50, 100 $10.00.

Lily of the Valley

Lilium tigrinum splendens

HARDY LILIES—Continued

Tenuifolium. (Coral Lily.) A graceful flower of a bright scarlet Turk's Cap form. Foliage Fern-like, stems slender, 12 to 15 inches high. Flowers in July. Each 20c., doz. $2.00.

Tigrinum splendens. (The common Tiger Lily.) So well known that it does not require description. Each 10c., doz. 75c., 100 $6.00.

Tigrinum splendens fl. pl. Double-flowering Tigrinum splendens. Each 10c., doz. 75c., 100 $6.00.

Umbellatum erectum. A Lily that resembles Elegans variety. Flowers are borne in large clusters; deep scarlet to dark red. 2 feet high. June. Each 12c., doz. $1.25, 100 $8.00.

Umbellatum Incomparable. Beautiful dark red. Each 12c., doz. $1.25, 100 $9.00.

Wallacei. Orange scarlet, spotted with maroon. 3 feet. September. Each 12c., doz. $1.25.

Lily of the Valley (Cold Storage)

A greatly admired and very popular, commercial flower at all times, its graceful racemes with numerous, large, white, drooping bells, producing a delightful fragrance. Lily of the Valley may be grown for house plants twelve months in the year. By the aid of the cold storage which we have in our store we can supply the pips at any time. From these cold storage pips they may be flowered in three to four weeks.

Add 10c. per bundle of 25 pips for postage.

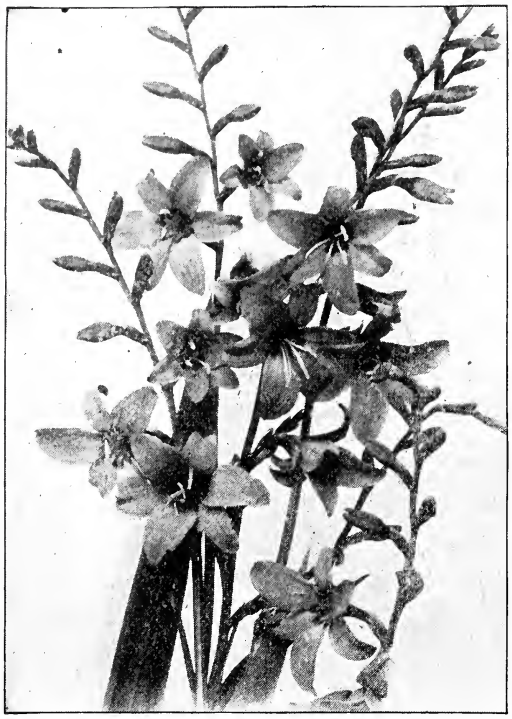
Boston Quality Selected Pips. For early forcing. Per bundle, 25 pips 75c., 100 $2.50.

Lily of the Valley Clumps (For Outdoor Culture)

Sent by express only.

Our importations of these enormous clumps increase greatly each season. We strongly recommend them for outdoor planting only. Each clump has from 20 to 35 pips or crowns, and they are grown from the large-flowering varieties.

Large Clumps. Containing many flowering pips. Each 30c., doz. $3.00, 100 $22.00.



Montbretia aurea

Montbretia (Tritonia)

Add 5c. per doz. for postage

These beautiful, late, Fall-flowering bulbs are very popular for clumping among perennials and massing. We have succeeded in procuring some new and distinct colorings, as will be seen by the following varieties. As these bulbs do not arrive in this country until November, we would advise ordering early. Should the ground be frozen, we will make shipment as soon as practicable in the Spring.

Aurea. Golden yellow. Doz. 25c., 100 $1.50, 1000 $12.00.
CARMINEA. (Novelty.) Beautiful red, shaded coppery rose, approaching dark rose; flowers large and well opened; free flowering. Doz. 35c., 100 $2.75, 1000 $25.00.
Crocosmiaeflora. Fine scarlet and yellow. Doz. 20c., 100 $1.00, 1000 $7.00.
Elegans. Bright yellow, outside shaded vermilion. Doz. 25c., 100 $1.50, 1000 $12.00.
Etoile de Feu. (Star of Fire.) Bright vermilion, center yellow, outside blood red. Doz. 30c., 100 $2.00, 1000 $12.00.
FIRE KING. (New.) Splendid glowing scarlet red. One of the most beautiful new varieties. Doz. 35c., 100 $2.75, 1000 $25.00.
G. DAVIDSON. (New.) Stems 3 to 4 feet high; branching habit, bearing widely expanded pale orange-yellow blossoms. Doz. 50c., 100 $3.75.
Germania. Bright orange-scarlet flowers of extremely large size. Doz. 60c., 100 $4.50.
Golden Sheaf. (Gerbe d'Or.) Beautiful clear golden. Doz. 20c., 100 $1.25, 1000 $10.00.
OBELISQUE. (Novelty.) Yellow, slightly reflexed orange; large flowered; very free. Doz. 60c., 100 $4.50.
Rosea. Bright salmon rose; distinct. Doz. 25c., 100 $1.50, 1000 $12.00.
SPECIOSA. (New.) Copper color, with yellow disc in center. A distinct variety; extra large. Doz. 25c., 100 $1.75, 1000 $15.00.
TRANSCENDENT. (New.) Orange, shaded vermilion. Doz. 30c., 100 $2.00, 1000 $17.50.
Mixture of choice varieties. Doz. 20c., 100 $1.25, 1000 $10.00.

Madeira Vine

Add 10c. per doz. for postage.

A favorite tuberous-rooted climbing plant with dense and beautiful shining foliage and of very rapid growth, twining on strings to a great height or forming garlands in many fanciful forms. It will grow anywhere, but does best in a warm, sheltered, sunny location. It is also a very pretty plant for training around the windows in the house. Doz. 35c., 100 $2.50; by mail, doz. 45c.

Milla Biflora

One of the loveliest bulbous plants; most desirable on account of its immense pure waxy-white flowers, which are borne in clusters of two to three on a flower-stalk, 12 to 18 inches high. The petals are very thick and firm, and the flowers will keep in water for a week after cutting. A single bulb will produce as many as six flower-stalks. Doz. 60c., 100 $4.50.

Ranunculus

An exquisite dwarf Spring flower, which can easily be grown in pots or coldframes.

Giant Double French, Mixed. A great assortment of colors. Doz. 10c., 100 75c., 1000 $6.00.
Double Persian, Mixed. A small-flowered variety in various colors. Doz. 10c., 100 75c., 1000 $6.00.
Double Turban, Mixed. Enormous flowers, resembling miniature Peonies in shape, and in great variety of colors. Doz. 15c., 100 75c., 1000 $6.00.

Sternbergia Lutea Autumn Daffodil

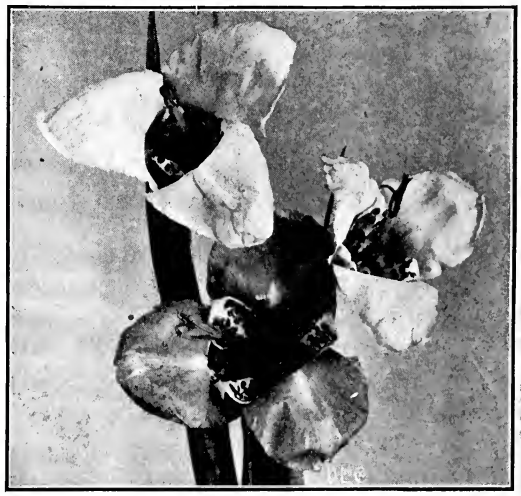
Add 12c. per doz. for postage.

Pretty, hardy Autumn-flowering bulbs that deserve to be better known. In appearance they resemble a fine yellow Crocus, and a clump of a dozen or more together with a corresponding clump of Autumn Crocus, offered in bulb catalogue, gives a touch of Spring to the garden in Autumn. This is supposed by some writers to be the Lily of Scripture, as it grows abundantly in the Holy Land, from whence our stock was procured. Doz. 35c., 100 $2.50, 1000 $20.00.

Tigridia Shell-Flower

Has gorgeously colored Iris-like flowers and foliage. Grows 3 feet high and blooms from July to October. Excellent for cut flowers.

Pavonia alba grandiflora. Pure white. Doz. 50c., 100 $3.50.
Pavonia aurea. Golden yellow. Doz. 50c., 100 $3.50.
Pavonia Canariensis. Light yellow. Doz. 50c., 100 $3.50.
Pavonia rosea. Pink. Doz. 50c., 100 $3.50.
Pavonia speciosa. Scarlet red. Doz. 50c., 100 $3.50.
Mixed Varieties. Doz. 50c., 100 $3.50.



Tigridia

Trillium

(Wood Lily)

Hardy, native flowers; excellent for shady places.

Grandiflorum. (American Wood Lily.) Flowers pure white, changing to delicate rose. Each 10c., doz. $1.00, 100 $6.00.

Erectum. Pure white, compact growth. Height 15 inches. Each 10c., doz. $1.00, 100 $6.00.

Watsonia Ardernei

Add 12c. per doz. for postage

This new white variety was recently introduced from South Africa, and is likely to become very popular. The bulbs resemble Gladioli, sending up stems to a height of 3 to 4 feet, each stem bearing about a dozen snow-white flowers. Fine for forcing in the greenhouse or planting outdoors in Spring, like the Gladioli. Each 20c., doz. $1.75, 100 $12.00.

Zephyranthes

(Fairy Lily)

A most delicate, beautiful and graceful Lily-like plant which uninterruptedly throws up its large flowers on waving stems, 12 inches high, from June until frost.

Zephyranthes rosea. Pink. Each 10c., doz. 75c., 100 $5.00.

Zephyranthes candida. Pure white. Each 10c., doz. 75c., 100 $5.00.

Zephyranthes sulphurea. Sulphur yellow. Each 10c., doz. $1.00, 100 $8.00.

Tuberose, Mexican Everblooming Single

Tuberoses

Add 6c. per doz. for postage

One of the most successful of the late-flowering Summer bulbs. The best results are obtained if the bulbs are planted in pots during March and April, thereby allowing them to get well established before planting outside, though good results are to be had from bulbs planted outdoors during May. Bulbs when planted outdoors may be set 8 inches, or may be planted in groups of six or eight bulbs.

Albino. Single, pearly white, very graceful and valuable for cutting. Doz. 50c., 100 $3.50.

Excelsior, Double Pearl. Large-flowering and valuable for cutting. Doz. 50c., with large and very double flowers. Doz. 30c., 100 $2.00, 1000 $15.00.

Excelsior, Double Pearl. Mammoth bulbs. Doz. 50c., 100 $3.00, 1000 $24.00.

Tuberose

Mexican Everblooming Single

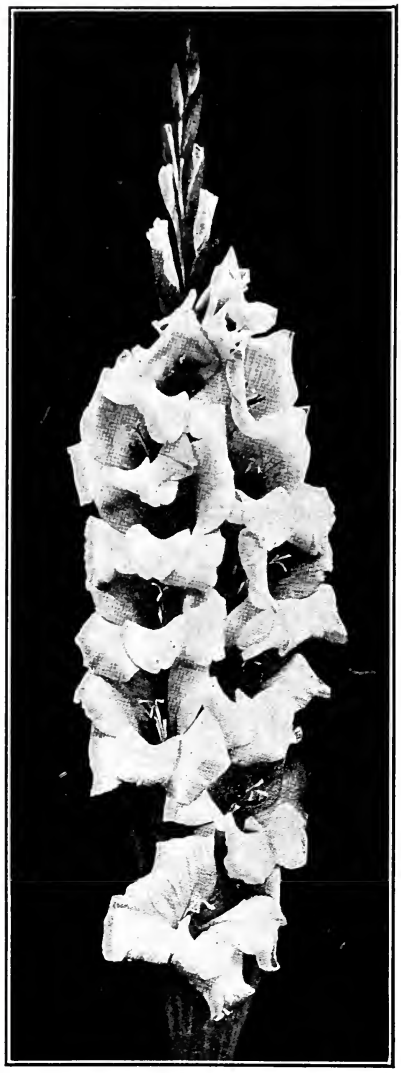
Add 6c. per doz. for postage

The most free-blooming Tuberose in existence. It is a native of the table-land district of Mexico. Each bulb produces only one flower spike; but the peculiar feature is the making of new bulbs, as the original one is blooming, which flower as soon as the old bulb has finished, thereby yielding a succession of bloom throughout the season.

These bulbs may be planted out as early as the first of May and as late as the middle of June, and flowering in about eight weeks' time, they continue until after the first frost. The flower stalk is tall and stiff, usually bearing from six to twenty pure white blooms, having the same delightful odor as the regular double variety. The stalks when cut will last for a great length of time in water and the flowers will also increase in size.

This Mexican Everblooming Tuberose is easily grown in the house or greenhouse and makes one of the best and most useful varieties for forcing.

Each **8c.**, doz. **75c.**, 100 **$6.00.**



Gladiolus Europa

GLADIOLI
Our Specialty

The Gladiolus is one of the most called-for of our Summer-flowering bulbs.

In the following list of varieties we offer only those which we have grown with satisfactory results.

We devote a large piece of ground to the trials of new varieties and those which we catalog; and during the flowering period we have on exhibition, in our show windows, cut blooms to which we invite the attention of the public, making an excellent opportunity for them to select the colors and varieties most desirable.

It is needless to say that Gladioli at the present time produce some of the finest colors and most exquisite shades; especially beautiful are the delicate contrasts of the outer segments and the deep veining and heavily colored blotches of the throat, thus making the Gladiolus one of the most attractive Summer-flowering bulbs. We advise the planting of Gladioli during May and June and should successive plantings be made flowers may be had until October.

Gladioli thrive in almost any good garden soil; but if well prepared, by adding stable manure, better results may be obtained.

Exposure to the sun is necessary at all times. Bulbs may be planted in rows either single or double, leaving about four inches between bulbs and drills two feet apart; plant the bulbs four inches deep. This method is most advisable when growing for cut blooms.

When mass effect is desired bulbs should be planted from six to eight inches apart and four inches deep; this applies to planting in beds, borders and among shrubbery. We recommend the purchasing of Gladioli as early as possible, especially of the new and choice sorts. Most of the recent introductions do not produce bulblets as readily as the more common varieties, and the supply is always limited, to a certain extent.

Early orders usually get more prompt attention, and we can devote more time to each order than it is possible to allow during April and May. Why not start a bed of Gladioli this Spring, and be surprised with the results?

GLADIOLI
Recent Introductions

Schwaben

Yellow Gladiolus (1913). The flowers of this striking new Gladiolus are of a pure canary yellow shading to a soft sulphur yellow when opening; the golden yellow center is blotched with a brilliant brownish carmine. Flowers open 6 to 8 at one time. About twenty finely-formed flowers are produced on extremely strong stalks. The foliage is large and vigorous, of a beautiful dark green, which, combined with the brilliant sulphur-colored flowers, makes it very effective for groups and beds. Strong bulbs usually produce from two to three stalks, each throwing a side branch, which greatly extends the flowering period. The brownish blotch is very deeply set in the throat, hardly making any appearance unless each individual flower is examined. Recommended as the best growing and largest flowering yellow sort offered at the present time. Strong bulbs.

Each $1.00, doz. $10.50.

Europa

The finest pure white Gladiolus. This new variety is of perfect form, produced on strong, stiff, tall spikes, usually bearing from 20 to 25 pure white blooms. The flowers open very rapidly and it is not uncommon to have from ten to twelve of these open at the same time; the formation is very close and compact, making a perfect spike from the time when the first bud opens until the last. The color is the result of great painstaking and is a perfectly pure white. The finest pure white variety we have ever seen or grown. Europa has obtained many awards of merit. **Each $1.00, doz. $10.00.**

Golden West

One of the best exhibition varieties on account of the variety of markings, the color being a clear orange scarlet, the lower petals striped and blotched with golden yellow, faintly suffused with violet shadings. One can hardly imagine the effect until you have seen the **Golden West Gladioli** growing. The individual flowers are of large size and seem to stand out boldly, making it very noticeable among any collection. Our stock of this is also very limited for this season and can only supply in small quantities. **Each 50c., doz. $5.00.**

Sans Pareil

Awarded First Class Certificate of Merit. An exceptionally striking introduction with its immense flowers varying from four to five inches in diameter. Color a very bright orange rose, slightly striped with vermilion, large white blotch.

Each $1.50, doz. $17.00.

Rosalie

The latest and most free-flowering Gladiolus. Color a pleasing light red, veined lighter or rosy; similar in shape to Brenchleyensis. A particular feature of this variety is its lateness in blooming, the flowers appearing to the end of September, when other varieties have finished blossoming. This variety is very free, bearing as a rule four to five strong stalks from one bulb. The spikes are strong and erect and combined with its free-flowering habit, it can be recommended highly for massing effects. The growth is strong and the healthy light green foliage quite attractive. This new variety multiplies very readily by division; usually three to five bulbs produced in a cluster from one season's growth.

Each 7c., doz. 75c., 100 $5.50.

Mrs. Frank Pendleton, Jr.

The finest Gladiolus of the present time, which has been awarded the First-Class Certificate of Merit by the Massachusetts Horticultural Society of Boston, also Certificate of Merit by the American Gladiolus Society at Baltimore, Aug. 15, 1911. In color it is the most exquisite salmon-pink, with a very conspicuous blood-red blotch in the throat on the lower petals.

During the past Summer we have had the largest stock with which to test its merits, and the results have produced every redeeming feature.

It is without doubt one of the strongest growing varieties in existence, attaining a height from four to six feet.

The foliage is exceptionally broad and of a beautiful deep green color, adding immensely to the characteristics of the plant. The flower stem, which is quite hard-wooded, serves to support the immense spike of flowers through heavy winds.

This season we have particularly noticed that most of the bulbs, even the smaller ones, have thrown two excellent spikes of flowers, the second not being inferior to the first.

The Gladiolus Mrs. Frank Pendleton, Jr., is the result of hybridizing the choicest of the large-flowering type and is now practically a type of its own.

We have received many highly complimentary remarks this season, wherever it has been exhibited.

During the coming Spring of 1914 we shall have the largest supply of bulbs to offer, while during the previous seasons our supply has been extremely limited.

Extra Large Bulbs: Each 60c., doz. $6.00, 100 $40.00.

First Size: Each 50c., doz. $5.00.

Hybrids of Primulinus

Delicate Self Colors. Somewhat different in type from the ordinary Gandavensis. The colors are the most pleasing on account of their delicacy, slenderness and peculiar form. The petals are quite thin, making the veining very prominent, while the colors, which are mostly self, vary from pale yellow to bright orange salmon, apricot and light scarlet. These graceful flowers are of medium size, with the upper segments somewhat dropped, making a quite distinct hooded form; the side segments flaring or spreading give the flower a type quite separate from the others. Highly recommended for their value as cut flowers for table and case uses. Plants are healthy, of good substance and attain a height of three to five feet. **Doz. $1.50, 100 $12.00.**

Gladiolus in Mixture

BLUE RIBBON MIXTURE. Having had many calls for assortments of named varieties, we can offer this mixture, which is made up from our choice varieties; containing the greatest selection of colors, all of which are fancy sorts. **Doz. $1.00, 100 $7.50.**

FISKE'S EXHIBITON MIXTURE. Includes a large proportion of the named varieties offered in our list, in addition to the best selection of Groff's Hybrids. We mix them ourselves and know this exhibition mixture cannot help but please the most critical buyer. **Doz. 50c., 100 $3.50, 1000 $30.00.**

GROFF'S MIXED HYBRIDS. Are known to be a mixture of all the best of the earlier Hybrids grown by Mr. Groff, and are marvelous in their varied markings. **Doz. 30c., 100 $2.00, 1000 $18.00.**

SPECIAL MIXTURE. Of all good varieties, in large size bulbs. **Doz. 25c., 100 $1.50, 1000 $13.50.**

Gladiolus in Separate Shades

In many situations we find our customers are desirous of planting large beds or borders with special shades. We have had the following selected from named varieties into the following shades and where large quantities are wanted we recommend:

WHITE AND LIGHT EXTRA. Doz. 60c., 100 $5.00, 1000 $40.00.

WHITE AND LIGHT. Doz. 40c., 100 $2.50, 1000 $20.00.

ROSE AND PINK EXTRA. Doz. 50c., 100 $3.50, 1000 $30.00.

SCARLET AND RED. Doz. 30c., 100 $2.00, 1000 $15.00.

ORANGE AND YELLOW. Doz. 75c., 100 $6.00.

STRIPED AND VARIEGATED. Doz. 40c., 100 $3.25, 1000 $30.00.

BLUE HYBRID SEEDLINGS. Doz. $1.25, 100 $8.00.

Gladiolus, Mrs. Frank Pendleton, Jr.

General List

AMERICA. One of the best Gladioli in existence. The color is a most beautiful soft pink, very much like the "Enchantress" Carnation. Individual flowers are very large and massive, and as a group or in vases there is no other flower which can excel it in effectiveness. Each 6c., doz. 60c., 100 $3.50.

ANITA. Amaranthine rose self, excepting a small white blotch; tall and well furnished spike. Each 20c., doz. $2.00.

ARISTOPHANE. Very large flower of a pure salmony rose color; a white band in the center of each petal and a conspicuous straw-colored blotch, with small garnet red stripes on the lower petals. Each 30c., doz. $3.00.

ARRIERE-GARDE. Grand spike of salmony rose flowers profusely flushed with slaty violet toward the edges of the petals, blotch and center band creamy yellow. Each 20c., doz. $2.00.

ATTRACTION. Deep, dark, rich crimson, with a very conspicuous large, pure white center and throat. At once a most beautiful and attractive sort. Each 10c., doz. $1.00, 100 $6.00.

AUGUSTA. Flowers are of perfect paper white, with a slight pink shade on lower half of the petal. The spike is set solid and perfect with the flowers from top to bottom. Each 5c., doz. 50c., 100 $4.00.

BARON HULOT. Good-sized flower, well arranged on straight spikes; color dark violet bordering on blue. Each 15c., doz. $1.50, 100 $10.00.

BICOLORE. Large flowers of bright rosy salmon with the exception of the lower petals, which are ivory white suffused with rose at edges. Each 15c., doz. $1.50.

BRENCHLEYENSIS. This is an old standard sort, and one of the best for bedding where one shade of good scarlet is desired. Large bulbs. Each 5c., doz. 40c., 100 $3.00.

CANARY BIRD. Without doubt a fine yellow, a pure canary shade that is pleasing and attractive. Each 15c., doz. $1.50, 100 $10.00.

CHARMER. Large, broad petaled flowers of soft mauve pink blending off lighter in the throat, which is penciled carmine lake, with a large blotch of the same color on the central lower petal. Each 35c., doz. $3.50.

COMMANDANT DELONCLE. Splendid spikes with large rounded flowers of violet crimson and marked with a distinct white line. Each 15c., doz. $1.50.

CONTRAST. Flowers of great substance and a beautiful compact spike of perfect form; color intense scarlet with a large distinct pure white center which is neither tinted nor mottled. A most striking novelty. Each 35c., doz. $3.50, 100 $25.00.

CURT ENGLEHARDT. Golden rose, crimson red shaded carmine, with a snow white blotch, with great variety of colors; a superb flower. Each 75c.

CRACKER-JACK. Large flowers of rich velvety dark red, throat spotted with yellow and dark maroon; a most beautiful variety. Each 15c., doz. $1.50.

DAWN. Strong, straight and vigorous plant over four feet high. Flowers large, of a delicate salmon, shading to white inside when bloomed, a small claret stain in interior petals. Each 20c., doz. $2.25.

DORA KRAIS. A much improved yellow; color sulphur yellow with dark carmine spots; flowers very large and open; this was much admired last year when exhibited. Each 20c., doz. $2.00.

ELIZABETH KURTZ. Pure white variety with a faint touch of red deep down in the throat. Large, strong grower. Each 25c., doz. $2.50.

FRAU DR. RUHLE. Soft cream colored, slightly suffused delicate pink, tips showing pink, lower petals a slight stripe of purplish crimson; deep at base; every petal is marked alike; very good. Each 25c., doz. $2.50.

FRAU GUSTAV CLESS. Blood red, striped white on lower petals, dark, extra fine. Each 35c., doz. $3.50.

EUGENE SCRIBE. Medium sized, well opened flowers; tender rose, blazed carmine red. Each 10c., doz. $1.00.

GENERAL DE NANSOUTY. Rich bluish purple, with throat and three lower petals marked with strong, vivid crimson and flecked slightly with spots of lemon yellow; flower stalk is long, bearing 18 to 20 buds, half of which are open at the same time. Each 15c., doz. $1.50.

GEO. B. REMSEN. Bright crimson and white, freely intermixed. Each 20c., doz. $2.00.

GIL BLAS. Early flowering; flowers salmon rose with a fire red blotch on primrose ground. Each 10c., doz. $1.00.

GLORY. (Kunderd.) Color a delicate cream pink, each lower petal having an attractive crimson stripe through the center, each petal being ruffled and fluted. Each 15c., doz. $1.50.

HARVARD. The color is a rich velvety maroon, slightly flushed dark scarlet; the flowers are truly gigantic; from 8 to 15 immense flowers and buds appear on one stem; 6 to 10 open flowers usually appear at the same time; flowers are open to their fullest size. Each 10c., doz. $1.00, 100 $8.00.

HOHENSTAUFEN. Pure white, suffused soft pink, throat scarlet, edged yellow. Each 25c., doz. $2.50.

INDEPENDENCE. A brilliant rosy pink, throat richly marked. Long spikes on strong stems. Doz. 75c., 100 $4.00.

I. S. HENDRICKSON. A gigantic flower on immense spikes; color a beautiful and irregular mottling of white and bright deep pink, in some the pink and in others the white predominating. Each 20c., doz. $2.00.

JEAN DIEULAFOY. Flowers creamy white, lower petals stained maroon. Each 15c., doz. $1.50, 100 $12.00.

KARL SPRANDEL. White with a delicate rose center shading carmine on lower petals. Extra large blooms. Each 50c.

KONIGIN CHARLOTTE. White flamed rose with conspicuous large throat of blood red. Each 20c., doz. $2.00.

LAFAYETTE. Creamy blush, with rosy purple throat; set thickly on the stem; good size, 3 inches Each 12c., doz. $1.25.

LA LORRAINE. Immense flowers of a very bright salmony red; blotch dark purple red, strongly bordered with bright yellow. Each 20c., doz. $2.00.

LAPAGERIA. Brilliant deep pink, shading to flesh toward center; an original form of flower resembling that of a Lapageria; a splendid novelty. Each 20c., doz. $2.00.

LILEY. Giant flowers; color a combination of flesh pink intershaded with soft rose. Each 25c., doz. $2.50.

MAY. Lovely pure white flowers, finely flaked bright rosy crimson; strong spike; good forcing variety. Each 5c., doz. 50c., 100 $3.50.

MEADOWVALE. One of the purest whites, without a shade of other color, except in the throat, where there is a touch of vivid crimson; the three lower petals have a slight center marking of faint pink; stalk is strong and vigorous, with 10 to 12 flowers in bloom at once, and continuing in bloom a long time as the flowers open. Each 15c., doz. $1.50, 100 $10.00.

MEPHISTOPHELES. Flowers of large size, dark red, stained with black and yellow; very attractive. Each 15c., doz. $1.50, 100 $12.00.

MRS. A. E. KUNDERD. White, slightly suffused with pink and with fine red lines in the throat. Flowers large, well formed and of good substance. Each 30c., doz. $3.25.

MRS. BEECHER. Brilliant, deep, rosy crimson. Large, well opened flower, with white throat freely marked. Each 15c., doz. $1.50.

MRS. FRANCIS KING. A new variety which excited great comment and admiration both for size of flower and beauty; the color of the flower is a light scarlet; the flowers are very large, usually measuring from 3½ to 4 inches in diameter and are borne on long stems with from 4 to 6 flowers open at a time. Each 8c., doz. 60c., 100 $4.50.

MRS. M. CHAMBERLAIN. Snowy white, the lower petal with slight line of crimson; flowers large and lily-shaped. Plant very vigorous; usually three flower spikes on each stalk. A particularly desirable variety for the garden, coming into bloom early and lasting till late in the season. Each 50c.

NEGERFURST. Dark blood red, slightly flaked black; an improved Cracker-Jack. Each 50c., doz. $5.00.

OCTOROON. A beautiful salmon pink; very distinct. Each 10c., doz. $1.00, 100 $7.00.

ORION. Pinky rose with dark blotch; large flower; a splendid novelty. Each 10c., doz. $1.00, 100 $6.00.

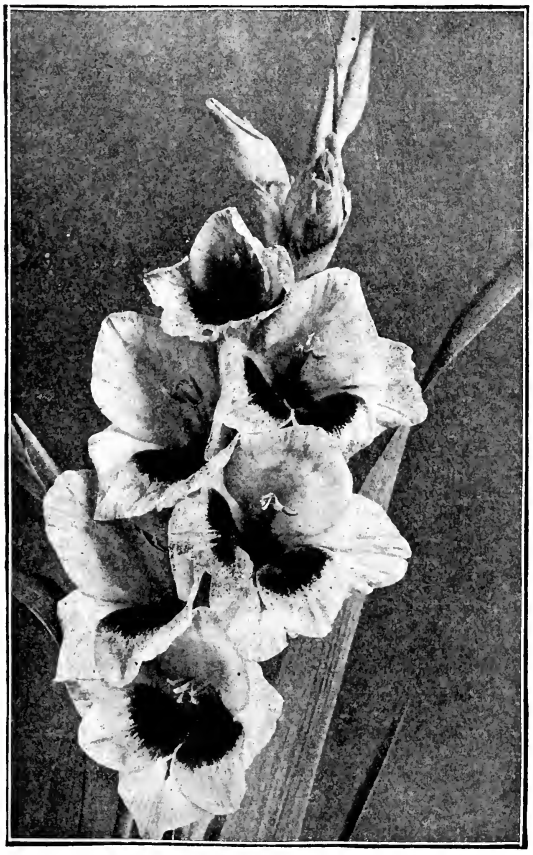
PATRIE. Splendid spike, long and strong stem, with very large well opened flowers of deep rose, suffused violet; center of petal straw color; white band in middle of upper petals. Each 25c., doz. $2.50.

PRESIDENT ROOSEVELT. Tall spike, large flowers of cherry rose color with crimson blotch on white ground. Each 25c., doz. $2.50.

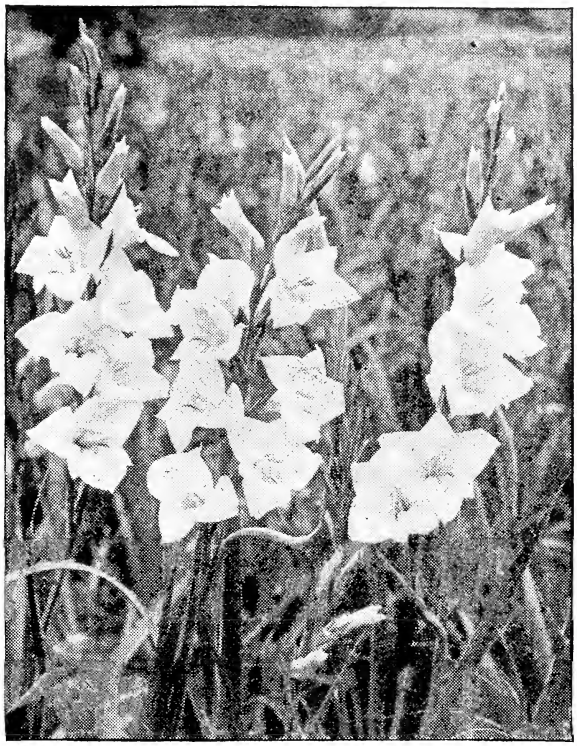
PRINCESS SANDERSONI. Pure white, slightly penciled purple. Each 15c., doz. $1.50, 100 $12.00.

PRINCEPS. Amaryllis-like Gladiolus. Color is a rich crimson, with very deep shading in the throat and broad blotches on the lower petals; the individual flowers are usually 5½ inches in diameter. Usually three flowers expand fully at one time, while the spike will produce from 12 to 15 flowers. Each 15c., doz. $1.50, 100 $12.00.

PROF. LEMOINIER. A grand Gladiolus, most beautiful soft scarlet, deep yellow throat and maroon markings; a most pleasing effect; very striking; size of flower 4½ inches across. Each 20c., doz. $2.00, 100 $15.00.



Konigin Charlotte



Princess Sandersoni

PROPHETESS. Large, round, pearly white blooms with a conspicuous crimson throat; healthy grower, good multiplier and early bloomer. Each 15c., doz. $1.50. 100 $12.00.

REINE BLANCHE. With the exception of a very small purple stripe at the base of the throat, the flower is of a glistening white color, turning into blush toward the end of the flowering stage; no doubt the best white Gladiolus in existence. Each 25c., doz. $2.50.

ROSELLA. Large, well opened flower, light rose, stained purple and white. Each 20c., doz. $2.00, 100 $15.00.

SCARSDALE. Tall grower, with large, pink lavender-colored flowers, shaded to dark rose. Each 12c., doz. $1.25, 100 $10.00.

SENATOR VOLLAND. Large flowers; pure blue, dark violet blotch with a yellow stain, striped blue. Each 15c., doz. $1.50, 100 $10.00.

SHAKESPEARE. Another standard sort, excellent for cutting, white slightly suffused rose. Each 10c. doz. $1.00, 100 $8.00.

SILVERETTE. It is that beautiful blush color marbled or spotted with a slate color. Each 35c., doz. $3.50.

SULPHUR KING. Beautiful clear sulphur yellow; the finest and purest yellow sort. Each 20c., doz. $2.00.

TRITON. Very large salmony red flowers, illuminated with white in throat and on the lower petals. Each 25c., doz. $2.50.

VICTORY. Color delicate sulphur yellow, lower petals shaded a deeper yellow. Each 15c., doz. $1.50.

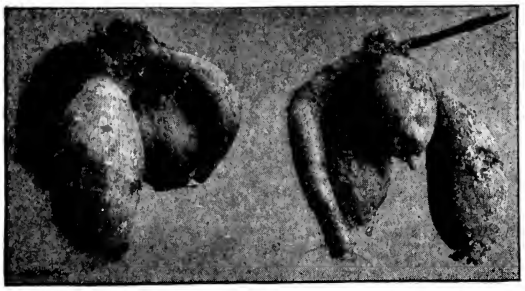
VIOLA. A very large flower of exquisite deep violet blue, gradually shading deeper at the edges, throat having purple garnet blotch, edged soft canary yellow. Each 20c., doz. $2.00.

WILLY WIGMAN. (1st class certificate.) Creamy white, scarlet blotched, extra large bloom. Each 25c., doz. $2.50.

WONDER. Velvety deep amaranth red, one of the darkest red Gladioli, large and wide opened flowers. Each 10c., doz. $1.00, 100 $7.00.

DAHLIAS

BUYING OF THE BULBS.—The buying of the bulbs is a very important part in the results that are anticipated when planting time comes upon us. The first thought should be where to purchase, and we may say that we feel that we can meet the demands of the most critical. Our collection is now the finest in America. The varieties are strictly up to date, and the quality of our stock is not surpassed in this country or abroad. Our supply of new and recent introductions, especially those for 1914, is limited, and we advise the purchasing of these at once, while such varieties are procurable.



The Ideal Pot-Root

CARE OF THE PLANTS.—Should the tubers be planted early care must be taken after they appear above ground that some of our late frosts, which sometimes come during the latter part of May, do not nip the tender shoots which are just showing themselves above ground; these may be easily taken care of by spreading newspapers over them loosely, with a stone or handful of dirt on each corner to keep the papers from blowing off during the night.

Care should also be taken at this time for the prevention of cut-worms in destroying the young shoots, and we recommend the use of Aphol, Cut-Worm Food or Tobacco Dust as the best preventive for this pest.

As soon as the plants attain a height of eight or ten inches, stakes should be used at once to prevent the brittle stalks from getting broken; good, heavy stakes are the best to use, and about five feet in length above ground; extra stakes may be added should too many branches be allowed to grow.

While the plants are about a foot high an occasional spraying of Nico-Fume Liquid, Nicoticide, Tobakine, or any first-class solution of Nikoteen, will kill and keep away the Aphis or Green Fly, which so often infests Dahlias.

To obtain the largest and most perfect flowers only the best and largest buds must be allowed to mature (the others taken off), enabling the full strength of the plant to develop these into exhibition blooms.

It is probably useless to mention that weeds should at all times be kept out, and the hoeing up of the hills add greatly, should the bulbs have any tendency to push themselves toward the surface, or should we unfortunately have a long spell of dry weather.

Free Delivery

Dahlia roots are delivered free to any post or express office in the United States at prices quoted herein.

Delivery of Roots

Dry roots, either pot or field grown, are delivered about April 15; green plants, May 15.

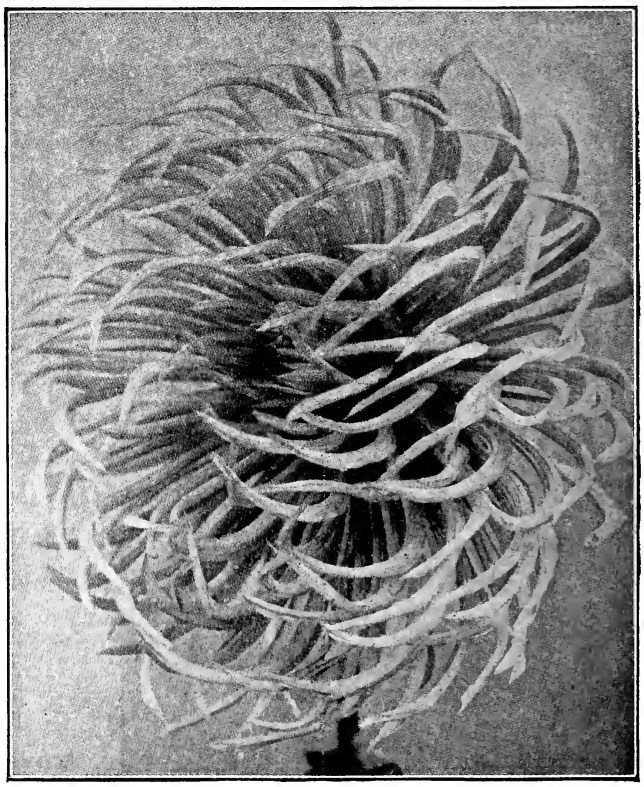
We issue a special **Dahlia catalogue** that contains a large list of varieties; also a more complete list of Gladioli. Mailed on application.

New Cactus Dahlias for 1914

3715 **MISS STREDWICK.** In this we have the pleasure of offering the finest Cactus Dahlia yet introduced by us. The color is truly beautiful—soft yellow at base quickly changing to a lovely tint of deep pink, which again returns to a lighter shade at the tips of florets. The form of flower is excellent and center perfect. Plant clean and healthy in growth, and flower stem good. Each **$1.50.**

1770 **FREDERICK WENHAM.** One of the largest Cactus Dahlias yet raised, the flowers having florets of extreme length and narrow throughout. In form the flowers are partially incurved but the florets are also irregularly whorled and twisted, giving the flower a most graceful appearance. The growth is perfectly upright and the stems as stiff as cane. As in the case of one or two other varieties, the whole of the buds on the main stems may be left, as side buds produce flowers quite large enough for exhibition. Color warm fawn-pink, with soft salmon at the center. Each **$1.00.**

5545 **URANUS.** In offering this variety we wish to state definitely that the habit is absolutely pendant. At the same time it is a most beautiful exhibition flower of finest incurved form and the quantity of perfect blooms produced is surprising. It is a Fancy Cactus, the ground color white, thickly speckled and striped with vermilion scarlet. The plants grow freely and the flower stems are long but pendant. Each **$1.00.**



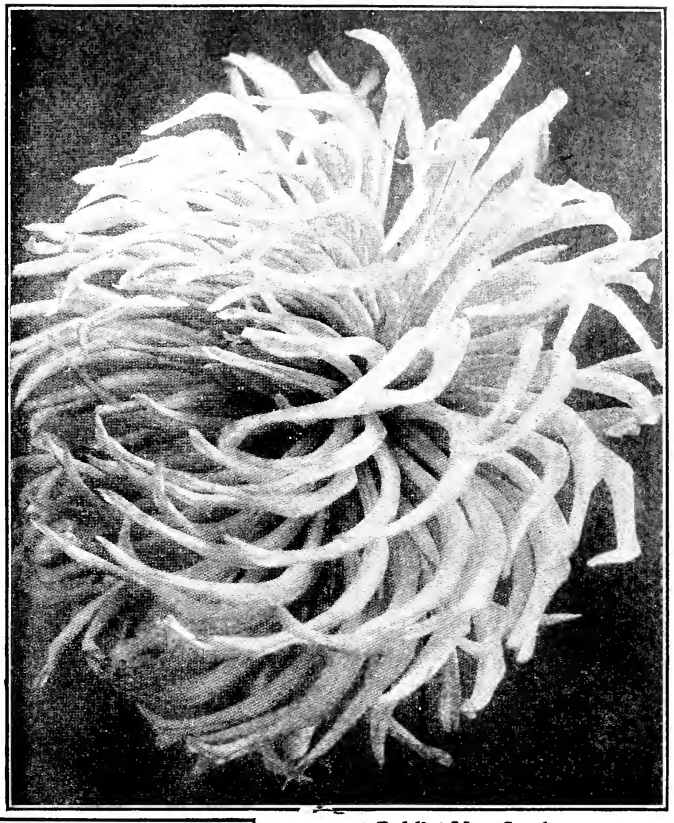
Dahlia, Miss Stredwick

4136 **MRS. STEPHENS.** The difficulty in obtaining new colors in Cactus Dahlias is becoming greater each year, but this variety is decidedly unique in this respect, being a pale primrose, reminding one of the Sweet Pea "Clara Curtis" but a clearer tint. The plants, too, have a distinct and pleasing style of growth, the foliage being particularly long and graceful. Form of flower is first-class and stems long and hard. It flowers early, as it secured the Royal Horticultural Society Award in August, and remains in form throughout the season. Each **$1.50.**

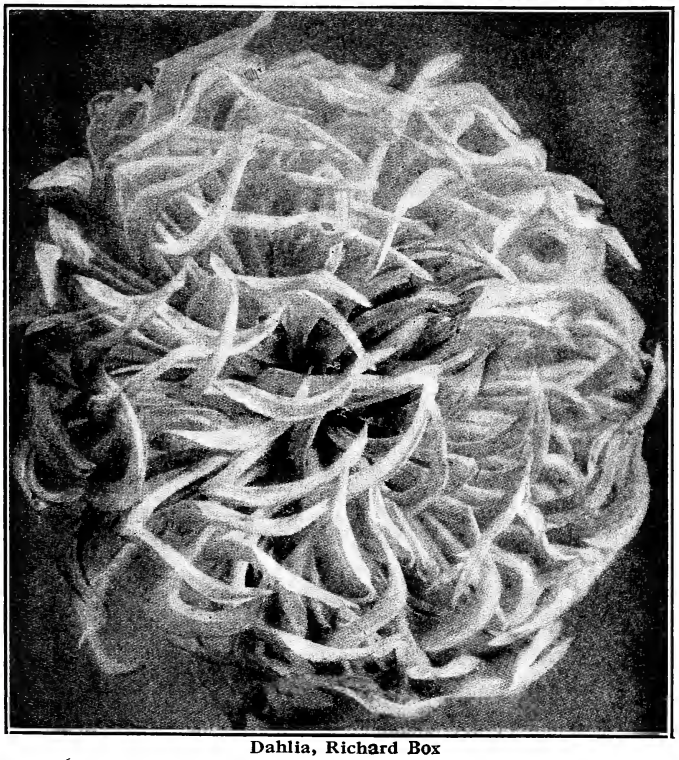
4352 **OLYMPIC.** A grand flower of deep rich crimson color, and truly massive proportions, many flowers measuring eight inches across and being exceptionally incurved of great depth as well. The plants run to above average height, and need not be thinned or disbudded too vigorously, the flowers being of sufficient size and remaining full in the center, even when the plants are allowed to carry a good display. For exhibition this will prove a valuable addition either for showing as a specimen bloom on boards or in bunches of three or six. Each **$1.00.**

1580 **EXCELSIOR.** This is one of the most refined and beautiful varieties. The florets are long and extremely narrow and every bloom comes perfect. Color deep maroon. Recommended for exhibition. Each **$1.00.**

2430 **H. L. BROUSSON.** A really first-class Cactus Dahlia with the narrowest possible florets of great length and slightly incurving form. Color of pure white in the center changing to a rich, deep rose. Each **$1.00.**



Dahlia; Mrs. Stephens



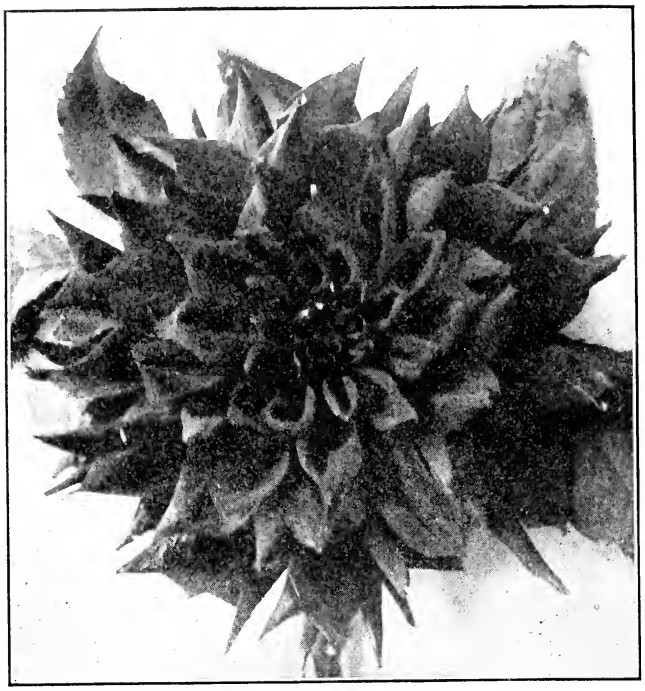
Dahlia, Richard Box

4820 **RICHARD BOX.** Clear light yellow, totally distinct from "Golden Wave," the form being perfectly incurved, while the color is a much lighter and softer shade of yellow, yet by no means less attractive. A strong feature of this variety is its grand flower stem, the blooms being held erect in spite of their great size and weight. Our plants had less attention than is usual with us, during the early part of the growing season, yet its altogether sterling qualities soon become apparent and placed it in the front rank of our novelties. It flowers early and maintains a steady average of fine flowers throughout the season. Each **$1.50.**

4520 **PRIDE OF ESSEX.** One of the most constant and reliable. The blooms are large and well formed of a rich bright yellow shade. Each **$1.00.**

4540 **PRIMROSE QUEEN.** Extra large blooms of first rate shape; color a beautiful primrose shade; very constant blooming. Each **$1.00.**

5750 **WIZARD.** A fancy Cactus yellow at the base, shading to creamy white, prettily striped and speckled crimson; erect grower; good for garden and exhibition. Each **$1.00.**



Dahlia, American Beauty

New Decorative Dahlias for 1914

6025 **AMERICAN BEAUTY.** One of the most perfect Decorative Dahlias of a new wine crimson shade; exceedingly attractive. Each **$1.00.**

6190 **BULL MOOSE.** Our own introduction for 1914. Out of almost 500 seedlings which we have grown on for three successive seasons, the Bull Moose has proved to be the leader of them all. As a Decorative Dahlia it is well nigh perfect. The color is a beautiful shade of crushed strawberry; flowering well above the plants, which grow three feet and is most effective. Offered in green plants only. Each **$2.50.**

6358 **ERNEST TOWLE.** A gigantic snow white Decorative Dahlia of great substance; very effective for cutting. Each **$1.00.**

6475 **FRANCIS MARTIN.** Large flowers of a soft shade of shell pink, quite distinct; splendid exhibition flower. Each **$1.00.**

6580 **GOVERNOR FLOYD.** A beautiful fancy Dahlia, ground color violet maroon striped and splashed white and light rose, flowers supported by petals of great texture. Each **$1.00.**

New Paeony Flowered Dahlias for 1914

21520 **MRS. H. E. FISKE.** The finest white Pæony Dahlia yet introduced; the color is of the purest glistening white, the enormous flowers having edges of petals beautifully ruffled and fringed; the flowers are carried on stems far above the foliage, the plants are very robust, growing from five to six feet. This novelty offered in plants only for Spring, 1914. While our stock of this magnificent variety is very limited we would advise the placing of orders now. Each **$5.00.**

21865 **QUEEN MARY.** One of the very best of its type. Color a beautiful clear amber, each petal tipped flesh pink. It is of short sturdy growth and produces the large flowers very freely; a gem for garden decoration. Each **$1.00.**

22215 **VESTA.** Pale yellow shaded salmon rose flowers of splendid form. Each **$1.00.**

New Pompon Dahlias for 1914

10570 **EILEEN.** Pale ground, edged lilac; very free. Each **50c.**

10612 **HARRY SNOOK.** Rosy pink, pale center; constant and free. Each **50c.**

10680 **NELLY FRASER.** Light ground edged and tipped rose; distinct. Each **50c.**

Dahlia, Bull Moose

Cactus Dahlias

We make a special offer of the Fifty-two varieties, listed here with names, for $15.00.
Our selection of 25 varieties for $7.00.
Your selection of 25 varieties for $8.00.
All delivered at your Express or Post Office.

Cactus Dahlias, General Collection

No. Each

90 **ALEXANDER.** A grand dark crimson flower flushed with maroon petals of the finest quality, perfect center and splendid habit of growth.....$0.20

160 **AMAZON.** Very large flowers of perfect form; purple violet..... .25

220 **Amos Perry.** Bright scarlet flowers on long stems carried away above the foliage; very free..... .20

410 **Aurora.** One of the best Dahlias for exhibition; colossal in size; elegant in form; perfect in type and of the most exquisite coloring; attractive soft pink, slightly tipped white, the heart of the flower brilliant golden..... .35

610 **Blush Queen.** The flower has a splendid new combination of colors, clear bright rosy pink with a creamy white center; carried on long upright stems well above the foliage..... .25

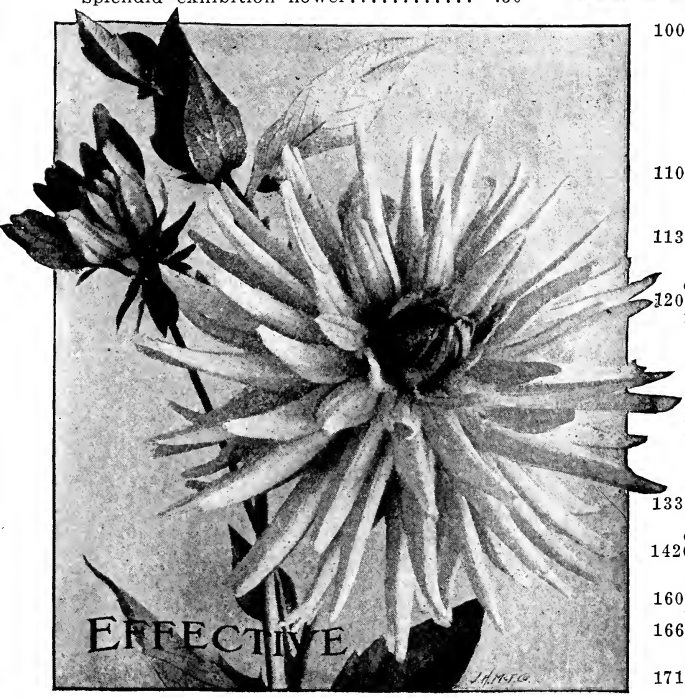
620 **Blutenregen.** The name implies a shower of bloom. This is true; quite early it begins to throw up a multitude of purplish red blooms and simply exhausts itself in blooming, but not before frost appears..... .25

640 **Brautjungfer.** For a delicate coloring nothing has yet been seen to equal this variety. The entire flower is a delicate blush pink, fairly large and extremely full and double..... .35

655 **Brigadier.** Rich crimson scarlet, long petals beautifully incurved, early and free. ..... .25

775 **CHAS. H. CURTIS.** Rich scarlet-crimson; a large, full and strikingly incurved flower. ..... .35

860 **Clincher.** Gigantic Cactus of great depth and immense volumes of petals, outer petals heliotrope, gradually lightening to white in the center. A splendid exhibition flower..... .50



Pkt.

1000 **Countess of Lonsdale.** For perfection of bloom, size and erectness of stem, abundance of flowers and general use as a garden flower, although quite old, this variety has never been equaled. On several plants we have counted 150 perfect blooms at one time. Is there any other garden flower that can equal it? The color is a rich salmon tinted apricot.....$0.15

1100 **DAS MARCHEN.** Exquisite pink with greenish yellow at the center; petals rather broad and thick; makes a splendid cut flower. ..... .25

1130 **DELICATA.** A distinct form of flower, saucer-shaped; the petals run the same width almost to the tip; color a most delicate blush. ..... .35

1200 **DIE UNSCHULD.** Of German origin and received the highest award when exhibited at Berlin. The entire plant is distinct; foliage is short, thick and very lustrous; the stem and branches are fleshy and robust, the entire plant compact and dwarf; the flowers, which possess great substance, are fairly large, extremely double and belong to the Cactus Hybrid Class. Stems average 15 inches and the flowers stand well above the foliage; color creamy white. ..... .35

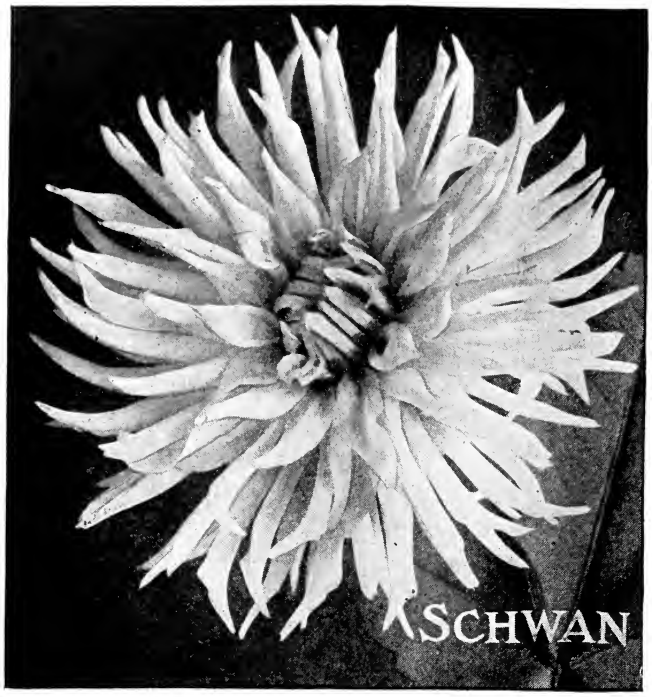
1330 **Effective.** This is quite a distinct color in Dahlias; it is a deep amber, with rose colored center. ..... .25

1420 **EMPRESS OF AUSTRIA.** Brilliant rich crimson maroon; very large exhibition flower with elegant fluted petals..... .30

1600 **FAIRY.** A pure white; very narrow in florets; beautiful form, most refined..... .20

1660 **F. G. CHAPMAN.** A lovely blending of colors, yellow, shaded with deep orange; very effective. ..... .25

1710 **FLIEDER.** A very large perfect flower with an entirely new shade of soft lilac.....35



CACTUS DAHLIAS—Continued

No. Each

2070 **GOLDFASAN.** A beautifully formed Cactus; petals arranged in perfect form; color a beautiful light apricot.....$0.50

2180 **GRENADIER.** Extremely free blooming plants; are dwarf and compact and do not require staking; color orange pink with a faint suspicion of bluish shading to the tips of the petals..... .50

2230 **HARBOR LIGHT.** Color vivid orange red shading off to flame at the points. Very striking, free and distinct..... .25

2245 **HARMONIE.** Extremely free blooming on stout, long stems; color reddish salmon with lighter tips and yellow center..... .25

2270 **HARZERKIND.** Height 24 inches; a real gem for effect; plants when fully developed appear like huge balls completely enveloped by the pink flowers which appear incessantly from early until late; a rare surprise..... .50

2480 **H. Shoesmith.** Crimson scarlet; one of the narrowest petaled flowers; very free and center always good..... .25

2670 **J. B. RIDING.** A fine exhibition variety; the petals are very long, narrow, full and beautiful, incurved, forming a flower of the highest quality; color is a rich yellow at base of petals, shading to deep orange tinted apricot..... .35

2750 **J. H. JACKSON.** The finest dark Cactus Dahlia, brilliant crimson maroon, perfect flowers with long narrow pointed florets; early and free bloomer..... .25

3030 **LAURETTA.** Yellow ground deeply edged rose; quite distinct in color; fine habit..... .35

3040 **LAVERSTOCK BEAUTY.** Soft Vermilion scarlet..... .25

3050 **LAWINE.** A rare surprise. The loosely formed flowers of great size completely hide the foliage of the entire plant, giving it the appearance of a pile of snow. Color pure white..... .35

3170 **LOVELY EYNSFORD.** Lovely amber colored; a distinct and striking color, very bright and effective..... .35

3570 **MASTER CARL.** A gigantic Dahlia of perfect form and bright amber color. This is one of the finest Dahlias in our collection, immense petals of graceful curve..... .35

No. Each

3605 **Mauve Queen.** A distinct and beautiful variety; color a lovely clear mauve with lighter center; fine exhibition flowers.....$0.35

3790 **MONT BLANC.** A truly magnificent pure white Cactus Dahlia, without even the faintest tinge of green and of most perfect form. The petals are long, narrow and slightly incurved; altogether of exquisite beauty, early and free... .35

3870 **MRS. CLINTON.** In certain ways the best Cactus Dahlia. Large perfect blooms appear during the entire season, often 25 on one bush at once. Everybody fell in love with it when discovered at our farm. Deep orange yellow at base of petals shading off to pale salmon red at points..... .35

3900 **MRS. DE LUCCA.** Remarkably free blooming variety; color rich shading of yellow and orange, a lovely blending of tints..... .20

39040 **MRS. F. GRINSTED.** Deep rich crimson with just a suspicion of purplish shading, form of flower of the best incurved type..... .25

3985 **MRS. J. EMBERSON.** Pale lemon, speckled rosy pink; the large blooms are incurved and made up of twisted florets..... .50

4050 **MRS. J. P. MACE.** The most beautiful Dahlia for cutting; the best and finest shaped blush pink variety. Its color is so delicate and pleasing that it must be seen to be appreciated..... .20

4140 **MRS. STRANACH GASKILL.** Lovely rose pink with white reflex; a large and magnificent flower..... .35

4145 **Mrs. Walter Baxter.** A grand variety; it is large, early and very free blooming, color shaded crimson..... .35

4385 **Othello.** Extremely early and free flowering; are borne on straight dark colored stems far above the foliage; color deep blood red, similar to Empress of Austria..... .50

4440 **Phineas.** Crimson scarlet, the base of the petals shaded orange; a large, bold flower with long brilliant petals; fine habit..... .35

4600 **PUCK.** Height 20 inches; brilliant orange scarlet..... .25

4760 **Rev. Arthur Bridge.** A grand exhibition flower producing its flowers on erect stems; coloring very beautiful, being bright yellow, heavily tipped with deep rose pink..... .35

4860 **ROSEA SUPERBA.** One of the very best Cactus for cutting. The massive flowers are borne in great profusion, a single flower on a stiff erect stem; flowers are quite large, perfect and of a lovely shade of rose color.... .35

5010 **SCHONE ELSE.** A magnificent variety for cutting or garden decoration, bearing flowers on extremely long stems; blooms are perfect, pure white with a slight tinge of lavender rose..... .35

5030 **Schwan.** Free blooming, pure white Cactus Dahlia. The giant flowers are of glistening white and by their narrow twisted petals have an elegance which has not been approached by any other variety. Flowers appear quite early and continue in such profusion that the foliage is almost hidden with the blooms. Stems, averaging 15 inches long, carry the blooms far above the foliage.... .35

5400 **T. G. Baker.** The finest yellow Cactus for the exhibition table; narrow, long incurved petals form a perfect flower which is sublime; flowers often measure 7 inches across; color clear yellow..... .35

5535 **Undine.** Soft lilac pink, lightening almost to white toward the center; of dwarf growth. .35

5620 **Vivid.** Bright orange scarlet; very effective. .25

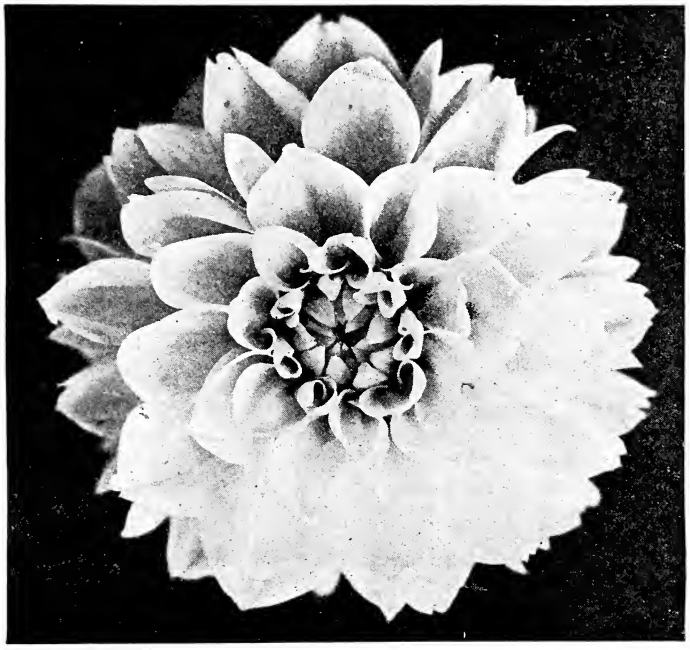
5810 **WM. MARSHALL.** A great exhibition sort; flowers of gigantic dimensions; color rich orange with bright yellow toward the center. .35

Decorative Dahlias

Under this heading we class the varieties that do not belong in the Cactus or Show class but have an individuality of their own.

We offer this collection of **fifteen varieties for $4.50,** delivered to your express or post office.

For other varieties send for our special Dahlia catalogue.



KAISERIN AUGUSTA VICTORIA

Each

6100 **AUGUSTE NONIN.** Clear scarlet; a large and superb flower, borne abundantly always above the foliage; blooms always perfect..$0.20

6200 **CAMELLIA.** A dwarf bushy plant attaining a height of 2½ feet with small but prolific foliage and myriads of medium sized perfect flowers of a coppery orange. The shape of the flower is just like a Camellia and lasts well when cut..... .20

6290 **DELICE.** The finest pink colored Dahlia, excellent in form, perfect in type, superb yet delicate in coloring, it must appeal to every lover of flowers. Color bright pink, suffused lavender pink..... .35

6460 **Fire King.** Fiery scarlet; rather small flowering. ..... .15

6470 **FLORA.** One of the most refined flowers. The pure glistening white is not disturbed by the least suggestion of green; the flowers are always perfect, borne on extremely long, erect stems and literally cover the plant over its entire surface..... .50

6540 **GIGANTEA.** Its name suggests the size; truly gigantic and massive in form; the individual petals are short and it requires many to form such a monstrous flower; color a soft sulphur yellow, distinct and attractive..... .50

6650 **JEANNE CHARMET.** One of the finest Decorative Dahlias, a seedling of Mme. Van den Dael. The flowers measure 8 inches across and are borne on stiff, wiry stems, often 18 inches long. The exquisite flowers are pink at the edges, pure white toward the center and light yellow at the margin..... .25

6750 **KAISERIN AUGUSTA VICTORIA.** One of the most valuable Dahlias we have. We have thoroughly tried this variety and know what it is. It is particularly valuable for several reasons. It grows about 30 inches high and does not require any support. The immense perfect pure white flowers are borne in great profusion on most erect stout stems fully 18 inches long all above the foliage. No matter how much you cut it, it is hard to find the plant without flowers. For landscape work or general garden use this variety is especially useful planted into the shrub border or even into lawns by themselves; they succeed splendidly and make an effect which cannot be duplicated with any other flower..$0.35

Each

6800 **La France.** Brilliant rose pink, similar to the Rose of the same name. Flowers are gigantic, loosely built and resemble in shape a large double Peony; excellent for exhibition. .35

6900 **Mme. A. Lumiere.** Unique coloring, pure white, violet red points; a fine contrast of colors; very distinct ..... .35

7020 **MME. VAN DEN DAEL.** True stock. White, flushed lively pink; a loosely formed flower of elegance..... .20

7400 **MRS ROOSEVELT.** A most beautiful flower. It is of immense size, fine color; graceful form and has excellent stems for cuttings. Blooms are perfectly double; 6 to 8 in. diameter, and of a most delicate pink. .35

7707 **Semiramis.** Immense flowers; pink of the Cattleya orchids, suffused with yellow..... .50

7740 **SOUVENIR DE GUSTAV DOAZON.** The largest Dahlia up to date, 9 to 10 inches across; a monster. These immense flowers are borne in profusion from the earliest of blooming until frost; it improves with the season and grows more perfect; color a rich shade of scarlet..... .20

7910 **Yellow Colosse.** Although it bears the name of Colosse it has very little similarity to this flower, but it is the best exhibition yellow now in existence; the flowers come very perfect on long stems..... .35

JEANNE CHARMET

Paeony-Flowered Dahlias

A particularly choice type of Dahlia which originated in Holland.

The Pæony-flowered Dahlia has made itself very popular with us and more so with our customers.

The flowers produce the richest, brightest and most delicate colors to the purest white.

Petals attain almost all of the curious shapes; they incurve and reflex, some are curled and twisted, while others show a particular Cactus effect.

The stems in all of the varieties are quite long and of good substance, making this type especially good for vase and house decoration, also a fine commercial Dahlia, producing in general a Chrysanthemum effect.

We offer the largest assortment of Pæony-flowered Dahlias in America and our stock is such that we can supply our customers to the best satisfaction.

For other varieties send for our special Dahlia catalogue, mailed on application.

No. Each

20210 **BARON DE GRANCY.** Creamy white; some flowers come single all incurved or cup-shaped. This variety has a slight fragrance.....$0.25

20230 **BERTHA VON SUTTNER.** In form similar to H. Hornsveld. An elegant twisted flower; immense flowers always carried erect; color beautiful salmon shaded yellow. Height 4 ft..... .50

20300 **COL. J. ST. GEO. WOLSELEY.** Rosy lilac with points of petals almost white, a pleasing color..... .50

20440 **DUKE HENRY.** Dark crimson, petals twisted; good long stems.....$0.25

20710 **GEISHA.** A veritable sensation among flowers. Its form is most original, the petals showing more twists and curls than any other sort; the first flowers come fully double, white only; those that follow show the beautiful golden center which with this flower is most charming. The color combination is remarkable and attracts everybody; orange scarlet with yellow center paling off toward the tips..... .35

20720 **GERMANIA.** Wine color, dark velvety crimson, shaded with yellow..... .25

Duke Henry

No. Each

20740 **GLORY OF BAARN.** Delicate soft pink; very free and carried erect.....$0.35

20850 **HUGO DE VRIES.** Orange brown flowers of loose formation..... .35

20810 **Hollandia.** Beautiful soft rose; very large flowers; free blooming..... .50

21000 **KING LEOPOLD.** Cream yellow shading to white; flowers carried erect on long stems. .35

21090 **LA RIANTE.** The finest sort for mass effect or hedges; plants grow 3½ feet high and their flowers are borne on enormously long stems in clusters from 2 to 4, far away from the foliage; color a deep pink; flowers of saucer form; excellent for vases and are great keepers. For a novel effect in your garden, plant them in masses 2 ft. apart.. .25

21280 **Mannheim.** Soft orange red; fine form on long, strong stems..... .35

21310 **MERVILLE.** Orange yellow of a distinct shade..... .35

21370 **Miss Gladys Dawson.** Soft yellow rose; very free and erect..... .35

23200 **PHILADELPHIA.** A Cactus-petaled Peony Dahlia of giant size; color a deep carmine toward the outside; gradually but irregularly changing to a soft pink in the center, resembling the Orchid "Cattleya."..

21790 **Pius X.** Soft yellow shading lighter toward center; the entire flower slightly veined red; height 5 feet..... .25

21800 **J. W. JANSSEN.** Rosy salmon with a shade of yellow; an elegant flower borne on stout erect stems never less than 2 feet in length; a rich and pleasing shade; height 4 feet..... .25

21810 **QUEEN ALEXANDRA.** A clear sulphur white of elegant flower; plants dwarf and very effective..... .25

21850 **QUEEN AUGUSTA VICTORIA.** A whitish yellow, resembling the rose of the same name; a very pretty flower..... .35

21860 **QUEEN EMMA.** Soft lavender pink of refined form and good keeper..... .25

21870 **QUEEN WILHELMINA.** The most satisfactory pure white flower; the petals are elegantly twisted and are of glistening white. The plant is extremely free blooming and makes a splendid companion for "la Riante" as a hedge plant..... .25

21910 **Rembrandt.** Apple blossom pink, very beautiful color; grand habit; blooms very large; height 5 feet..... .35

21930 **Rev. H. J. Kitchin.** Clear pink with faint markings of sulphur yellow..... .25

23300 **RHEINGAU.** A large showy brilliant scarlet..... .50

PAEONY-FLOWERED DAHLIAS—Continued

No. Each

23050 **RIESEN EDELWEISS.** Cactus petals of enormous length, curving inward at tips and of the purest white, which in combination with the yellow center makes this flower appear like a gigantic Edelweiss, hence its name. Splendid for garden decoration and cutting.....$0.50

21980 **RUDDIGORE.** (1913.) A curious combination of colors made up of heliotrope, old gold and yellow. ..... .50

21985 **RUSKIN.** (1913.) Pink shaded and streaked crimson; flowers resemble a Clematis..... .50

22080 **Sneewwitje.** Pure white; strong plant; height 4 feet..... .25

22090 **SOLEIL d'AUTOMNE** Yellow, shaded old gold; a magnificent flower; received high award in France. 1.00

22100 **Solfatare.** Carmine red with yellow center; height 3½ feet. ..... .25

22110 **SOUTH POLE.** (1913.) Pure white; very fine. ..... .50

22160 **Themse.** Elegantly twisted flowers of amber yellow; height 4 feet..... .50

22170 **The Tatler.** Rosy carmine with yellow center; wonderfully effective..... .35

22180 **Tiber.** Amaranth blood red; petals are twisted and curled..... .35

22190 **Titian.** Quite distinct in color, shaded rose; very large blooms on long stalks; height 5 feet. .35

22195 **UTRECHT.** (1913.) Beautiful rosy carmine florets streaked with white, effective white center; erect habit..... 1.00

22200 **Van Dyck.** Salmon shaded heliotrope, on yellow base; an enormous flower of Anemone form; height 5 feet..... .35

22250 **Weichsel.** Beautiful yellow, washed fiery scarlet ..... .25

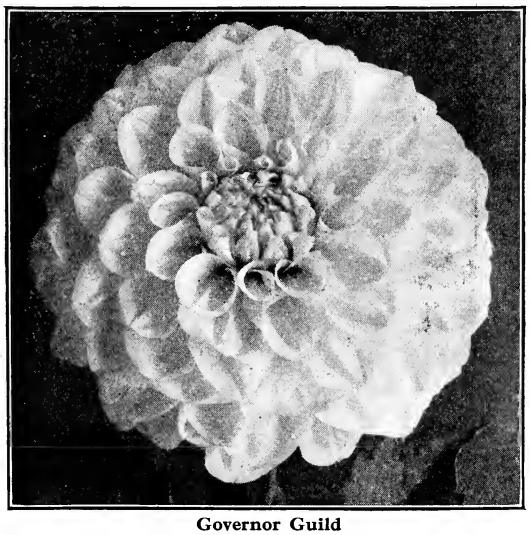
22260 **W. H. Morter.** Scarlet and gold..... .35

22270 **Weser.** Soft pink... ..... .50

Show Dahlias

This is the old-fashioned ball-shaped Dahlia, large and the best known of all. We know that its popularity has diminished and the other forms and types are taking its place. We make no effort to increase our collection; in fact, we have discarded those which are not of superior merit. What is usually known as Fancy Dahlia is a tipped or variegated Show Dahlia.

We offer the entire collection of Show Dahlias, forty varieties, for $9.00, delivered, express or postpaid.
We have a much extended list in our special Dahlia catalogue. Sent on application.



Governor Guild

No. Each

8600 **ACQUISITION.** Rich royal deep mauve. A splendid exhibition flower.....$0.25

8601 **A. D. LIVONI.** Beautiful soft pink.... .15

8640 **ALICE EMILY.** Delicate buff, center yellow. ..... .15

8645 **ARABELLA.** Sulphur, tipped pinkish white. ..... .25

8780 **Chas. Lanier.** Free blooming sort of a dull yellow; the flowers are borne on stems exceeding 3 feet..... .25

8820 **CUBAN GIANT.** An immense ball of bright maroon; free and early..... .25

9035 **FASCINATION.** Lavender pink, striped white. ..... .15

9070 **FRANK SMITH.** Deep maroon, tips of petals pinkish white..... .15

9080 **FREDERICK SMITH.** Lilac striped purple. ..... .15

9140 **GOLD MEDAL.** Bright canary yellow, regularly marked with fine stripes and flashes of deep red..... .25

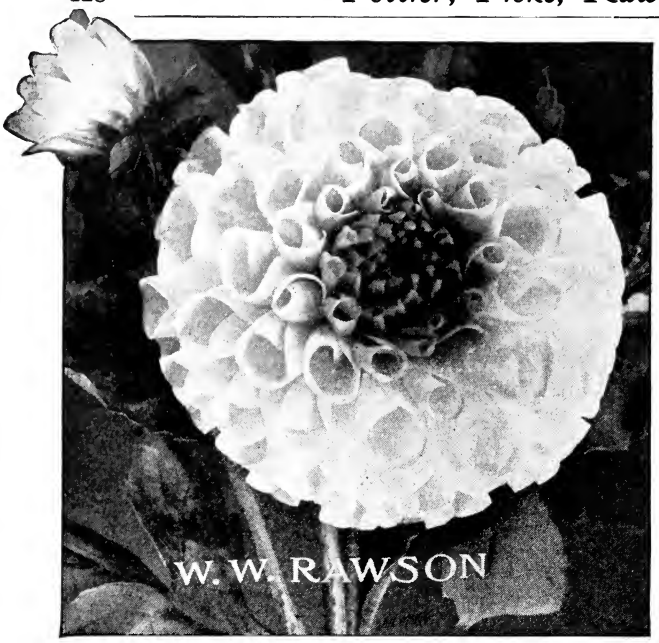
9200 **Governor Guild.** The largeest and purest white Show Dahlia. The color is the most snowy white without even the least trace of any other shade. The flower is perfect in shape, full and round, built loosely of most exquisitely fluted petals, giving the flower a far more graceful appearance than Show Dahlias usually have The spread of the flower is 5 inches; they are borne on long, erect stems and appear far above the foliage..... .50

9220 **GRACCHUS.** Bright orange buff, good outline. ..... .25

9230 **GRAND DUKE ALEXIS.** A popular Dahlia; color white, fringed soft lavender near the tips, petals quilled..... .15

9490 **Lottie Eckford.** White striped purple.. .15

9500 **LUCY FAWCETT** Pale yellow, striped lilac. ..... .20



		Each
9640	**MERLIN.** Bright orange scarlet; deep bold flower.	$0.20
9645	**METEOR.** Bright red, very large blooms.	.20
9760	**Mr. Chamberlain.** Rich deep maroon of perfect form.	.25
9850	**Mrs. Kendal.** White, heavily edged purple.	.20
9870	**MRS. LANGTRY.** Cream, edged crimson..	.25
9940	**NORMA.** Bright orange buff, very free..	.25
9950	**NUGGET.** Orange, tipped scarlet. Fine exhibition flower.	.20
9960	**ORATOR.** Salmon buff.	.20
9980	**Penelope.** White, striped lavender	.20

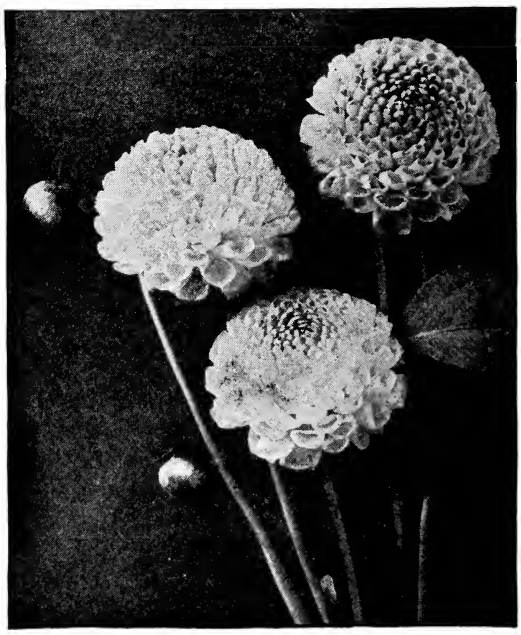
		Each
10020	**PRINCE BISMARCK.** Deep purple; very large bold flower, good outline	$0.20
10025	**PURPLE GEM.** Deep purple, quite distinct.	.25
10030	**QUEEN VICTORIA.** Canary yellow; plants grow tall	.25
10060	**ROBIN ADAIR.** Soft terra-cotta	.20
10080	**ROBERT BLOOMFIELD.** Pure white.	.25
10110	**Rose.** Bright rose; an immense, heavy flower, extra choice	.50
10225	**STANDARD.** Dark chocolate, high center; extra large flowers	.20
10230	**STRADELLA.** Color deep purple crimson and quite loosely arranged with deep cup shaped petals; the flowers are perfectly round when in full bloom, borne on long stems away above the foliage	.25
10240	**STORM KING.** Pure white; very fine..	.15
10245	**Susan.** A beautiful soft shell pink of splendid form; remarkably early and free with long stems; splendid for cutting	.35
10275	**W. P. LAIRD.** Lilac, veined lighter; very fine form	.25
10280	**WHITE QUEEN.** Is a very strong grower of medium size; very free; of a pure white with often a soft lilac flower on the same plants, making it very pretty.	.20
10285	**WM. NEATE.** Soft reddish fawn very very fine	.20
7900	**W. W. Rawson.** The popularity which this novelty has acquired in this short time speaks in itself for the superior features of this flower. The massive, perfect and graceful flowers are borne on stiff, erect stems. The petals toward the center are quilled like the "Grand Duke Alexis"; toward the outer part they are more open and flat. The entire flower is absolutely perfect in outline and formation. Color pure white, overlaid amethyst blue; the wonderful combination gives the appearance of delicate lavender..	.35
10330	**Yellow Duke.** A splendid primrose yellow of good form.	.20
10340	**Yellow Livoni.** The most perfectly quilled Dahlia grown; flowers of medium size but perfect; color a soft lemon yellow	.25

Pompon Dahlias

Under this heading are classed the small flowering varieties; very double—excellent for bouquet work. They grow about 2½ feet high; very bushy, and flower freely.

We offer the following Pompon Dahlias with names, twenty varieties, delivered to your express or post office for $2.50.

No.		Each
10500	**AMBER QUEEN.** Rich clear amber, shaded apricot.	$0.15
10512	**BRICK TOP.** A lively shade of brick color	.15
10520	**CAPT. BOYTON.** Maroon, shaded crimson..	.15
10525	**CATHERINE.** Bright yellow	.15
10530	**CLARISSA.** Pale primrose	.15
10550	**DONOVAN.** White, tipped pale mauve	.15
10610	**GRAUSS AM WEIN.** Crushed strawberry; a very compact flower of fine quality	.15
10620	**HIGHLAND MARY.** Pink and white	.15
10635	**IRIS.** Amber and fawn, shaded salmon; much admired.	.15
10640	**JESSICA.** Yellow amber, edged red	.15
10645	**LITTLE MARY.** Dark crimson; a perfect model.	.15
10660	**MARS.** Bright scarlet.	.15
10710	**PRINCE CHARMING.** Cream, tipped purple.	.15
10715	**RAPHAEL.** Very dark maroon of extra fine form.	.15
10718	**ROSEBUD.** White, edged bright rosy pink.	.15
10720	**SAN TOY.** Pure white, heavily edged rosy carmine.	.15
10730	**SYBIL.** Yellow, edged bright scarlet	.15
10735	**SNOWCLAD.** Pure white.	.15
10740	**TOMMY KEITH.** Cardinal red tipped white, very effective.	.15
10748	**VIVID.** Bright scarlet.	.15



Pompon Dahlia

Giant Single Dahlias

Measuring more than 3½ inches in diameter.

This class is very similar to the Pæony-flowered type, differing only in the fact that the flowers are always composed of a single row of petals. Every variety is a free blooming sort and a beauty for the garden.

The larger flowered single Dahlias are rivals to the Pæony-flowered type and are equally satisfactory for garden and cutting. There is always grace in a single flower which is seldom found in a double or semi-double flower, and when it comes to free blooming qualities there is nothing that excels the single. In some varieties we are not only able to offer distinct new colors but also distinct new forms, which are most pleasing and which suggest possibilities for the future. All of the varieties offered below are of an immense size.

No.		Each
11395	**Big Chief.** Rich crimson with maroon shadings	$0.25
11415	**CRIMSON CENTURY.** Very large; color deep glowing crimson; shaded darker, tipped rose	.25
11525	**Fringed Century.** Rosy crimson with lighter markings, fringed petals	.25
11590	**Jack.** Fiery scarlet, the base of the petals overlaid with golden yellow	.25
11610	**Mrs. Bowman.** Solferino; a large, showy flower	.25
11250	**Naomi Tighe.** Red satiny sulphur yellow, blended orange; rich	.25
11622	**OLD GLORY.** A splendid flower, with unique coloring; each petal is pure white, distinctly edged bright scarlet to the width of at least ¼ inch, giving each petal the appearance of the American Flag. Plant grows dwarf and carries its flowers far above the foliage on erect stems, 12 to 18 inches in length	.35
11260	**Polly Eccles.** Rich satiny fawn	.25
11640	**Twentieth Century.** Intense rosy crimson with white tips and disc around the yellow center	.25
11690	**Scarlet Century.** Bright dazzling scarlet without shade or blemish. The flowers are immense; fine round form and finish	.25

Collarette Dahlia

Collarette Dahlias

This form consists of a collar formed of small petals and usually of a contrasting color appearing around the disc. A single flower of French origin. The first new introductions did not include the colors of the present time, neither was the type as near to perfection, nor the size of the flower as it is now. Recent introductions of newer colors and combinations of colors such as are not known in any other flower are now offered.

No.		Each
12020	**Comte Cheremeteff.** Vermilion red shading to orange at tips, creamy white collar	$0.35
12035	**Duchesse Melzi D'Eril.** Yellow, tinted orange, washed and striped scarlet, collar white	.35
12050	**Exposition de Lyon.** Deep scarlet with fine yellow tip, collar narrow and white suffused lavender and washed crimson	.35
12075	**Henri Farman.** Brilliant cardinal red with violet-shadings frequently edged with yellow and large halo of same color surrounding the golden disc collar. Petals yellow	50
12084	**Mme. E. Poirier.** Deep purple suffused with lighter shades which gives it a violet blue effect; collar petals white. The nearest approach to a blue	.50
12120	**MAURICE RIVOIRE.** The best of the entire collection. A massive flower of a dark crimson with a heavy pure collar	.20
12150	**Orphee.** Large flower; violet red flaked crimson, tipped golden; collar clear yellow	.35
12170	**PRESIDENT VIGER.** Deep crimson maroon flowers with a pure white collar; a very early bloomer	.20
12195	**Rheinkrone.** Velvety scarlet, collar scarlet tipped and veined white	.25
12197	**Souvenir Berbardeau.** Purple red, collar white	.35
12202	**Souvenir de Chabanne.** Brilliant deep scarlet, collar yellow, with white tips, flowers 5 to 6 inches in diameter	.50

Tom Thumb Dahlias, Dwarf Bedders

These are all single varieties and produced in distinct colors. The whole of the plants are only about 18 inches in height and they only need to be seen to be appreciated for their extreme value as bedders, or for edging to beds, borders, lawns or shrubberies. The plants are of a close, compact habit, and they produce a dense mass of flowers of the most brilliant colors.

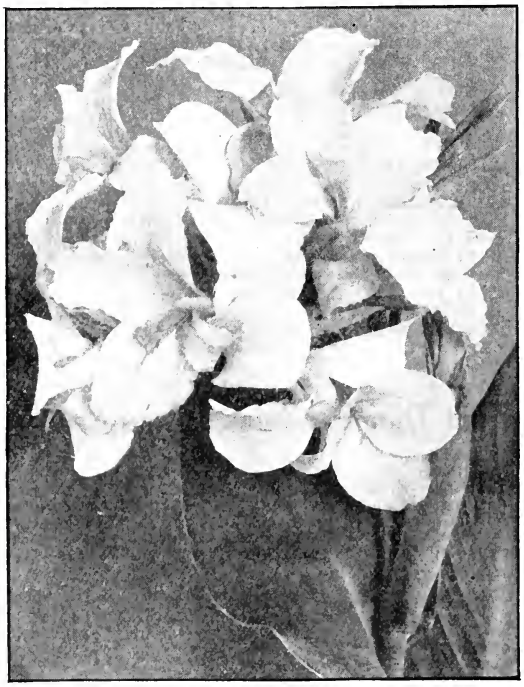
No.		Each
11850	**Agnes.** Purple; quite distinct	$0.35
11855	**Jubilee.** Pink; bushy; very pretty	.35
11860	**Nivens.** Pure white; bushy habit	.35
11865	**Pembroke.** Clear yellow; fine habit	.35
11852	**Daphne.** Maroon	.35
11858	**Lancer.** Scarlet	.35
11862	**Olive.** Orange	.35

BEDDING PLANTS

Ready for shipment during May and June

Customers ordering bedding plants would favor us greatly if convenient to them, by sending in their orders as early as possible, at the same time naming a shipping date; otherwise we send plants as soon as they are ready for delivery. It is also a great help, especially when late delivery is required, that we reserve good plants for these shipments, while we fill all orders with our best stock as received. It is also important that we should have orders in our possession about three days before shipment is required, that we may readily take care of the orders already on hand and allow time for filling new orders. We ship plant orders as soon as possible, but there are obstacles that hinder us at times beyond our control.

	Doz.	100
ACHYRANTHES.		
Green foliage	$0.85	$6.00
Red foliage	.85	6.00
AGERATUM.		
Imp. Dwarf. Dark blue	.75	5.00
Imp. Dwarf. White	.75	5.00
ALTERNANTHERA.		
aurea. Foliage yellow and green	.75	5.00
rosea. Foliage red and green	.75	5.00
ALYSSUM.		
Sweet. White	.60	4.00
Little Gem. Dwarf. White	.60	4.00
ANTIRRHINUM (Snapdragon).		
Choice assorted colors	1.00	7.00
ASTERS.		
American Late Branching, Victoria, Giant Comet, in white, pink, crimson, light blue and dark blue. Mixed. Pot grown	.50	3.00
BEGONIA.		
Vernon. Flowers scarlet; excellent for bedding	1.00	8.00
Erfordia. Best rose-colored, flowering variety	1.00	8.00
Mad. Chatelaine. Finest rose colored; excellent bedder	1.00	8.00
Vesuvius. Bright crimson	1.00	8.00
Tuberous-rooted. Best for growing in partial shade; produce a gorgeous effect; bloom from July until frost....Each 20c.	2.00	
CALADIUM esculentum. (Elephant's Ear). Strong plants. Extra size.....Each 25c.	2.50	18.00



Flowers of Dwarf Cannas

Cannas

In supplying Cannas to our customers it has been far more satisfactory to fill our orders with growing plants instead of dry bulbs. We can, however, supply bulbs of our varieties during January, February and sometimes as late as the middle of March, but we much prefer to supply our orders with the plants during May and June.

Each 15c., doz. $1.50, 100 $10.00.

Orchid Flowering

Orchid-flowering Cannas are very large flowering and taller than the other varieties; some of the finest colors are to be found in this class of Cannas, the flowers being nearly double the size of the other varieties. When planted in the lawn it is best to select a somewhat sheltered place to protect them against strong wind, for the flowers being larger they bruise more easily than the Crozy type.

Alemania. The outer petals are scarlet, with a broad yellow border. Inside of blooms scarlet and dark red. Green foliage. 4 to 5 feet high.

Italia. The center of flower is brilliant red; the outer half of the circumference of each petal being a wide, irregular band of clear yellow. 4½ feet high.

King Humbert. A brilliant orange scarlet with bright red shadings. Large trusses of blooms, individual flowers being 6 inches in diameter. Foliage a rich reddish bronze with lighter shadings; is broad and massive, giving the plant a sturdy and stately appearance. 5 feet.

Pennsylvania. Flowers are extra large, often measuring 7 inches across, and on the inside are vermilion scarlet. Foliage rich green. 5 feet high.

Truss Flowering

RED FLOWERING, GREEN FOLIAGE

Alphonse Bouvier. Rich velvety crimson. Green foliage. 6 to 7 feet high.

Beaute Poitevine. Brilliant crimson with scarlet shadings. Compact, very free flowering. Green foliage. 3 feet high.

Charles Henderson. Deep crimson yellow, flame at throat. 3½ feet high.

Crimson Bedder. A fine sort with large spikes of glowing crimson; dark, metallic leaves. 4 feet.

Duke of Marlborough. Of all the deep crimsons this is the finest; exceptionally free flowering. Individual blooms very large.

Mephisto. The darkest red Canna. A rich, velvety, deep red; a strong grower, attaining a height of 3 to 5 feet. Flowers in a large truss.

Pillar of Fire. Foliage green; flower almost the same as the Duke of Marlborough, but flowers borne on stalks a foot above the foliage. Height 5 to 6 feet.

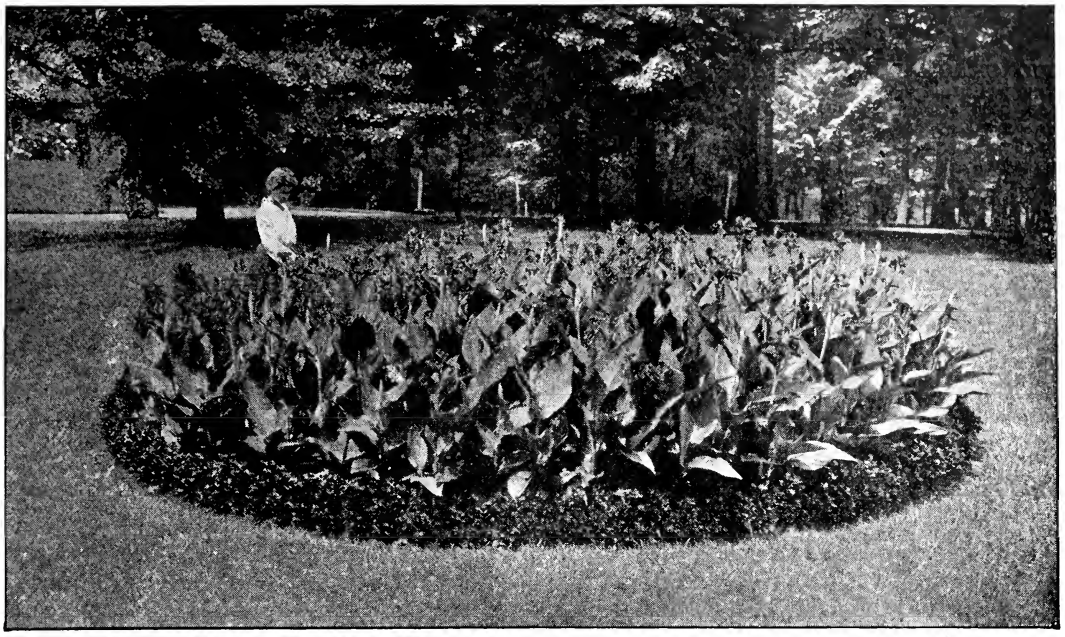
ORANGE AND YELLOW SHADES.

Florence Vaughan. Bright, rich, golden yellow, spotted with red. Large size, perfect form. Foliage green. 4 feet high.

Gladiator. Enormous trusses of blooms. Flowers bright yellow, thickly spotted crimson; valuable bedding kind. 4 feet.

President Cleveland. Large flowers of rich, bright orange scarlet. 3 feet.

T. Colette Rochaine. Immense, well-branched trusses of large, deep orange-scarlet flowers; fine bedder. 4½ feet.



Flowering Canna Bed

CANNAS—Continued

BRONZE LEAF, RED FLOWERING.

David Harum. A very fine, brilliant vermilion. Haw bronze foliage and is very free flowering. One of the finest bronze varieties for bedding. 3½ feet.

Egandale. Strong, compact flower stalks; currant flowers; bronze foliage. Finest of this variety. 4 feet high.

Wm. Sanders. (New.) One of the finest yet introduced. The flowers are of a bright, crimson scarlet, very large, and are produced in immense trusses. 3½ feet.

Wyoming. Bronze foliage; flowers a rich, velvety orange, borne high above foliage, and often 6 inches across. 5 to 8 feet high.

RED, GOLD-EDGED CANNAS.

Gladioflora. Scarlet, changing to salmon pink, with gold-edged border; the flowers look like a large Gladiolus. 3½ to 4 feet.

Mme. Crozy. Dazzling crimson scarlet, bordered with golden yellow; green foliage. 4 feet.

Niagara. Great, handsome trusses; rich, deep crimson, wide, irregular border of deep, golden yellow; fine bedder. True. 3 feet.

Souvenir de Ant. Crozy. Crimson, with broad gold band; the finest bedder, and for pot culture unsurpassed. 4 feet.

Queen Charlotte. Deep, rich crimson scarlet, with a border of canary yellow. Green foliage. 3 feet.

PINK FLOWERING CANNAS.

Louise. A lovely flower of deep, seashell pink; medium-sized flower; luxuriant growth of green foliage. Height 4 feet.

Mlle. Berat. An exquisite shade of pink and very effective when massed with reds and yellows; foliage is a bright green. Grows vigorously. Not over 3½ feet high.

West Grove. A very large shell-pink flower; foliage green and luxuriant. 5 feet.

WHITE AND CREAM SHADES.

Alba rosea. Flowers cream white, shading to peach-blossom pink at the throat; small but dainty. It has a good growth of green foliage. 4 feet.

Alsace. A pale sulphur yellow, changing to creamy white. If planted with high-colored sorts, it makes a fine contrast. Foliage green. 4½ feet.

Mont Blanc. Deep cream white, with large petals and very showy. Good growth of green foliage. Fine in front of strong-colored Cannas. 2½ feet.

Canna Robusta, Bronze Leaf

Grown extensively wherever foliage effects are desired. will grow 6 feet high; large, handsome bronze leaves.

	Each	Doz.	100
Dormant roots	$0.10	$0.75	$5.00
Started plants	.10	1.00	7.00

CARNATION.			
Marguerite. Finest mixed		1.25	9.00
CASTOR OIL BEAN. Green or red leaved.			
Large-sized plants	.25	2.50	
Extra large plants	.50	5.00	
CENTAUREA (Dusty Miller).			
candidissima	.10	.85	6.00
gymnocarpa. Grayish foliage	.10	.85	6.00
COBAEA.			
scandens. Blue. 12 feet		1.50	10.00
COCKSCOMB. Dwarf.			
Crimson		.75	5.00
Yellow		.75	5.00
COCKSCOMB plumosa.			
Crimson		1.00	8.00
Golden yellow		1.00	8.00
COLEUS.			
Finest Mixed. 1 foot		.60	4.00
Golden Bedder. Yellow. 1 foot.		.75	5.00
Verschaffeltii. Red. 1 foot		.75	5.00
COSMOS.			
Early-flowering. Assorted		.50	4.00
Mammoth-flowering. Mixed		.50	4.00
DRACAENA indivisa.			
Choice selected plants	.75	7.50	
Extra large	1.50	15.00	
DAISY, ENGLISH (Bellis Perennis).			
Finest Mixed		.50	3.50
ECHEVERIA.			
metallica		1.00	6.00
FEVERFEW (Matricaria).			
Double white		.75	6.00
FUCHSIA.			
Assorted varieties	.25	2.50	
GOLDEN FEATHER (Pyrethrum). Golden yellow foliage; excellent for borders		.75	5.00

Geraniums

PAUL CRAMPEL. A new variety offered for the first time this year in quantity. We believe it to be the best scarlet Geranium ever offered. A strong grower; large truss; profuse bloomer; excellent for bedding purposes; everything that goes to make up a real first-class Geranium is found in the Paul Crampel. Each 20c., doz. $2.00.

Price of any of the following:

Each 15c., doz. $1.50, 100 $10.00.

Alphonse Ricard. Dwarf; very vigorous habit. Flowers semi-double, and trusses are of enormous size, on very strong stalks; a profuse bloomer; color bright vermilion scarlet.

Beaute Poitevine. A great favorite, and conceded to be one of the best semi-double, light salmon-pink bedders in existence; enormous flowers, aurora pink, shading to bright salmon in the center.

Double Gen. Grant, or **Heteranthe.** Color bright vermilion scarlet; full, round florets, borne in large trusses on long stems; well branching, exceptionally strong and very vigorous; distinct, clean, healthy foliage, with a profusion of bloom.

Jean Viaud. The finest double pink Geranium. Brilliant rose pink, with white throat, fresh and exquisite; attracts attention everywhere. Magnificent semi-double flowers; trusses of enormous size, sometimes measuring 6 inches in diameter.

La Favorite. The finest double white; pure color; flower of enormous size; a continuous bloomer, the plants being covered with flowers the entire season; has beautiful foliage and finest habit.

S. A. Nutt. The standard dark red Geranium; double, brilliant, deep scarlet, with maroon shading; stands the sun best of any.

Variegated

Mme. Salleroi. A dwarf variety rarely over 6 inches high; foliage green, bordered white; fine for edging. Each 15c., doz. $1.50, 100 $10.00.

Double Ivy-Leaved Sorts

A variety very much in demand for basket and vase work; blooms freely. We have the leading varieties. Each 25c., doz. $2.50.

	Doz.	100
HELIOTROPE.		
Blue	$1.00	$7.00
ICE PLANT.		
Mixed colors	1.00	8.00
IVY.		
English Trailing	1.50	10.00
German	1.00	6.00
LANTANA.		
Assorted colors	1.00	8.00
LEMON VERBENA	1.50	10.00
LOBELIA.		
Crystal Palace compacta. Dwarf. Dark blue. 4 inches	.60	4.00
Erinus Gracilis. Dark blue, trailing	.60	4.00
MARIGOLD.		
Mammoth African. Assorted	.50	3.50
Dwarf French. Assorted. 1½ feet	.50	3.50
MARGUERITE.		
Pure white, yellow center	1.25	9.00
Yellow, yellow center	1.25	9.00
MIGNONETTE. Sweet scented	1.00	6.00
MUSA Ensete (Banana Plant). Each 50c.	5.00	
Extra large plants.....Each $1.00	10.00	
MYOSOTIS (Forget-Me-Not). In baskets, 25c.		
NASTURTIUM.		
Dwarf. Assorted	.60	4.00
Tall. Assorted. 10 feet	.60	4.00
NICOTIANA.		
Pure white single	.50	

Geranium

	Doz.	100
PANSY.		
Triumph Exhibition Strain of Choicest Colorings	$0.60	$4.00
Special selected strain	.50	3.00
In baskets of mixed varieties, per basket, 25c.		
PETUNIA.		
Giants of California. Finest strain; splendid variety of markings.....Each 15c.	1.50	10.00
Double. Assorted colors..Each 25c...	2.50	15.00
Single. Assorted colors	.75	5.00
PHLOX.		
Drummondi. Dwarf. Assorted	.75	5.00
grandiflora. Assorted. July to frost	.75	5.00
RICINUS (See Castor Oil Bean).		
SALVIA (Scarlet Sage).		
splendens	1.00	8.00
Bonfire	1.00	8.00
Zurich. Dwarf	1.25	9.00
SCABIOSA (Mourning Bride). Assorted..	.75	
STOCKS. 1 foot.		
Newport Beauty. Our special strain. White, pink, lavender, red, purple, mixed	1.00	7.00
THUNBERGIA, Trailing.		
Yellow and white, dark eye	1.00	7.00
VERBENA (Boston Mammoth) 1 foot.		
Mixed scarlet, purple, pink, white striped..	.75	6.00
VINCA, or PERIWINKLE.		
Variegated leaf. Trailing		
Each 25c., 35c., 50c.		
VINCA Rosea.		
Pink. 1 foot	1.00	8.00
White. 1 foot	1.00	8.00
White, pink eye. 1 foot	1.00	8.00
ZINNIA elegans.		
grandiflora. Choicest mixed varieties	.50	4.00
Dwarf. Assorted colors	.50	4.00

Hydrangea Otaksa

This variety is used extensively for piazza and lawn decoration, producing immense heads of flowers, usually pink in color. Blooms throughout the entire Summer.

Specimen Plants, **$2.00 to $5.00 each.**

Hardy Perpetual Roses

We have growing at the Nursery a very large variety of Roses. There are many, however, that grow in this climate better than others. Our list is a selection from the more satisfactory varieties. If we have not listed the variety you are looking for, write us.

Price: 1st size, selected roots, each 35c., doz. $4.00, 100 $30.00; pot-grown, each 75c., doz. $8.00.

Brief Directions for Planting Roses

When to plant. Dormant plants set in the Spring should be planted early as possible.

Location. Roses should be planted in an open, sunny place.

Soil. Roses grow well in any rich soil. A liberal amount of manure and good cultivation will improve both bloom and fragrance.

Planting. Plant budded Roses three inches below the bud, press earth tightly down on the roots; water well after planting; mulch with coarse strawy manure.

Pruning. All Roses should be more or less pruned when planted. When pruning older plants, which should be done moderately, the operation should be performed during March.

Protection. All Hybrid Roses give better results if protected in Winter. The use of coarse manure, litter or evergreen boughs will accomplish the purpose. It should be removed in early Spring.

ALFRED COLOMB. Rich red, very large and globular, free-blooming and fragrant.

AMERICAN BEAUTY. Deep rose, very large, globular form; bad opener in dull weather.

BARON DE BONSTETTEN. Velvety maroon, shaded with deep crimson.

BARONESS ROTHSCHILD. Very beautiful pale rose; superb form; splendid foliage. One of the handsomest popular Roses. Excellent late variety.

CAPTAIN HAYWARD. Scarlet-crimson; long, smooth petals; good form, large, sweet-scented.

CLIO. Flesh color, shaded in the center with rosy pink; large and of fine form.

DUKE OF EDINBURGH. Very bright vermilion, extra large and full.

EARL OF DUFFERIN. Rich velvety crimson, shaded with maroon; large, finely-shaped flower.

FISHER HOLMES. Magnificent scarlet, shaded with deep velvety maroon; brilliant and large.

FRAU KARL DRUSCHKI. Undoubtedly the finest pure white Rose in existence. Color a pure snow-white, very long buds, shell-shaped petals opening to very large flowers. A continuous and exceedingly free bloomer.

GENERAL JACQUEMINOT. Too well known to require lengthy description. It still holds first place among the dark red Roses, and is one of the most satisfactory to grow.

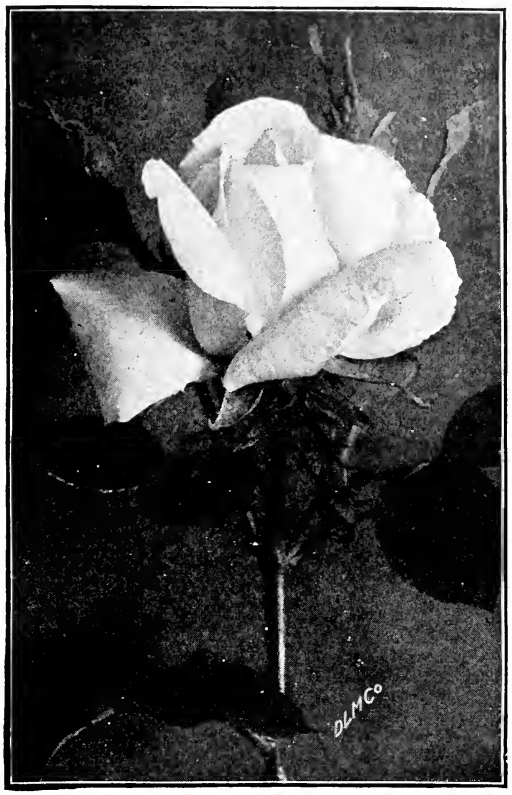
HUGH DICKSON. A new hybrid perpetual of the highest order. Awarded gold medal by the National Rose Society. Flowers are large, full and perpetual; color brilliant crimson, shaded with scarlet.

JOHN HOPPER. A distinct variety of very easy culture. Color is a bright rose, the reverse of the petals being pale lilac. Very large and double.

LOUIS VAN HOUTTE. Deep crimson, shaded maroon, vivid and distinct; large, full-formed leaf.

MAGNA CHARTA. A general favorite, prized on account of its strong, upright growth and bright, healthy foliage, as well as for its magnificent bloom. Color bright pink.

MARGARET DICKSON. A magnificent Rose; white, with pale, flesh center; petals very large, shell-shaped and of very great substance; fragrant.



ROSE, FRAU KARL DRUSCHKI

MERVEILLE DE LYON. A beautiful white variety, with center slightly tinted a rosy peach. A grand full cup-shaped flower.

MME. GABRIEL LUIZET. Light silvery pink; grand flower; free-bloomer; fragrant; hardy plant. One of the best.

MME. PLANTIER. Pure white; early Summer bloomer.

MRS. JOHN LAING. Soft pink; large; fine form; a good grower; abundant bloomer late in season.

MRS. R. G. SHARMAN-CRAWFORD. Clear rosy pink, the outer petals shaded with pale flesh. Very free-flowering, and one of the best.

M. P. WILDER. Of vigorous growth with healthy foliage; flowers large, semi-globular, full, well formed; cherry carmine; very fragrant. It continues to bloom long after the other hybrids.

PAUL NEYRON. The largest-flowered in cultivation, and one of the most prolific bloomers; color deep, clear rose; very fresh and attractive.

PRINCE CAMILLE DE ROHAN. Deep velvety crimson-maroon, full and of superb form. Generally considered to be the best of the dark Roses.

SOLEIL D'OR (Golden Sun). An entirely distinct type of Rose—a cross between Persian Yellow and Antoine Ducher. It is perfectly hardy, with large, full, globular flowers, varying in color from gold and orange to reddish gold.

ULRICH BRUNNER. Cherry-crimson; large size; fine form; effective in the garden or for exhibition; a good forcing Rose; semi-double; it blooms early and continuously.

YORK and LANCASTER. The old and much sought for semi-double red Rose, striped with white. A lovely and unique Rose.

Hardy Hybrid Tea Roses

Although of recent creation, this class is now extremely popular with the general garden public. There is much to be said in its favor; above all, its tendency to bloom continuously from early until late. We find these Roses absolutely hardy in the New England climate and can recommend them with the utmost confidence. The plants we offer were grown in the northern part of England, are two years old, selected for size and form, enabling us to furnish these Roses pot grown during the Summer.

All varieties offered below in extra-strong 2-year-old plants:

Field-grown, each 40c., doz. 4.50; pot-grown, each 75c., doz. $8.00, except where otherwise mentioned.

Bessie Brown. White, flushed with flesh pink.

Capt. Christy. Delicate, fleshy white, with darker center; very large and full.

CAROLINE TESTOUT. Bright satin rose with brighter center; large, full and globular; very free and sweet.

Dean Hole. Silvery carmine, shaded salmon; absolutely distinct and by far the finest in its way of color. Very free, flowers large, and fine form.

British Queen Creamy white of good size and superb form, globular yet pointed, petals reflexing as it opens; blooms on slender, stiff stems, very free and fragrant. Each $1.50.

Edward Mawley A beautiful rich crimson, touched with maroon, with a delightful velvety gloss on the petals, which are large, forming a good-sized flower with high globular center. The growth is strong and the flowers are borne in profusion. Each $1.50.

Etoile de France. Velvety crimson, center red cerise; fine long bud; free-flowering.

Farben Konigin. Deep carmine rose, reflex and brilliant pink petals.

Franz Deegen. Pale yellow, shading to golden-yellow in the center. Medium size and fragrant.

Gruss an Teplitz. One of the very best Roses for the garden. Bright crimson, with fiery red center; cup-shaped, semi-double flowers in clusters

J. B. Clark. Intense deep scarlet, heavily shaded blackish crimson; foliage large, bronzy green in the young stage; flowers very double.

Juliet (Pernetiana). This beautiful Rose when better known is certain to become very popular. It is very distinct and attractive, with large, perfect flowers. The outside of the petals are old gold and inside a rich rosy red, changing to deep rose as the flowers expand; very fragrant. Each $1.00

KAISERIN AUGUSTA VICTORIA. A distinct and very beautiful variety. Cream, slightly shaded lemon, deeper in the center; very fragrant.

Killarney. A lovely variety of great merit. Flesh shaded white, suffused pale pink; long, pointed buds, opening to large flowers.

Killarney White. Equal in every way to the Rose Killarney; pure white; very productive; constant bloomer.

Konigin Carola. A sandy rose color, reverse of petals silvery white, buds long and pointed.

Lady Ashtown. Very pale rose, shading to yellow at base of petals; large, full and pointed.

La France. In this class the beautiful flowers are produced constantly and the plant is more hardy than the perpetuals; soft silvery pink.

Liberty. Brilliant velvety crimson, finely-formed flowers of excellent size and substance. Very free-flowering and one of the best for cutting.

WHITE KILLARNEY

Lady Pirrie A delightful garden Rose of very distinct coloring; the outside of the petals is reddish salmon, inside apricot, flushed fawn and copper. Attractive bedding variety. Each $1.50.

Mildred Grant. Petals silvery-white, edged with rosy-pink; very large size and of good substance.

Mme. Abel Chatenay. Carmine rose, shaded deep salmon; long pointed buds.

Mrs. Aaron Ward Color Indian yellow shading to lemon-cream at edges of petals. Very large and full. A splendid new garden Rose. Each 50c., doz. $5.00.

Perle von Gettysburg. A light yellow; sport of Kaiserin Augusta Victoria.

Pharisaer. Petals rosy-white, shading to a deep salmon-rose in the center; fine, long buds with very large flowers.

Prince de Bulgarie. Deep rosy flesh, shaded with salmon; flowers very large and full.

Rhea Reid. Color varying from rose cerise to rich crimson red; large-flowered. Each 60c., doz. $6.00.

Richmond. Pure red-scarlet; of free-growing and flowering habit; one of the best deep red Roses; immense flower of exquisite form.

Sunburst This magnificent giant yellow Rose stands head and shoulders above all others of its color and will rank with the American Beauty and the Killarneys in value and grandeur. The color is orange copper or golden orange and golden yellow, edge of petals lighter; all intense shades, extremely brilliant in effect. Each $1.00.

THE "LYON." A very vigorous Rose, somewhat spreading in habit, with prominent thorns; excellent foliage of a rich reddish green. Flowers large and full with broad petals; coloring superb, coral-red or salmon-pink shaded with chrome-yellow in the center; very fragrant.

Viscountess Enfield Color is bright golden pink, outside petals carmine, center shaded yellow; large, full, elongated bud; very vigorous and of good form.

Viscountess Folkstone. One of the most attractive of the Hybrid Teas; creamy pink, with salmon-pink center. Large, very free-flowering and early.

Standard Roses Roses in Tree Form

We offer the following varieties of Roses grafted on stems 3½ to 4½ feet high. Each $1.50, doz. $15.00.

John Hopper
Paul Neyron
Killarney
F. K. Druschki
Magna Charta
Ulrich Brunner
Gruss an Teplitz
K. A. Victoria
General Jacqueminot
Mrs. Jno. Laing
Mad. Gab. Luizet
Crimson Rambler
Dorothy Perkins
Pink Baby Rambler

Miscellaneous Bush Roses

Rosa Blanda (The Meadow Rose). The slender red branches are almost thornless. Flowers pink, fruit red. 2 ft.
R. var. alba. A valuable new sort with pure white flowers and green stems. 18 in.
R. Carolina (The Swamp Rose). A tall growing wild Rose, with single pink flowers and scarlet fruit. 2 to 3 ft. Each 35c., doz. $3.50.
R. lucida. A dwarf native variety. Stems thickly covered with prickles. Flowers single, rosy pink. 18 in. Each 35c., doz. $3.50.
R. multiflora Japonica. Single, pure white flowers in clusters, small scarlet hips in Winter. 3 ft.
R. nitida. Branches completely covered with bristles, bright pink flowers and fruit. 12 in.
R. rubiginosa (Sweet Briar). Sweet-scented foliage, pink flowers and orange-red fruit. 3 ft.
R. rubrifolia (The Red-leaved Rose). Branches and leaves purplish red, flowers pink, fruit scarlet. 2 ft.
R. setigera (The Prairie Rose). Long slender branches, flowers in great profusion, deep rose; bright red fruit. 2 to 3 ft.
R. spinosissima (The Scotch Rose). A low shrub with upright branches covered with spines. Leaves bright green, small. Flowers very numerous along the branches, pink-white or cheamy-white; fruit black. Each 50c., doz. $5.00.

Austrian Briar Roses

Austrian Copper. Coppery red; single.
Austrian Yellow. Pure yellow; large single.
Persian Yellow. Fine golden-yellow; semi-double.
Harrisoni. Brilliant yellow; double.
Soleil d'Or. One of the finest hardy yellow Roses. Color orange-yellow, shading to old gold.
Strong two-year plants, each 35c., doz. $3.50.

China and Cabbage Roses

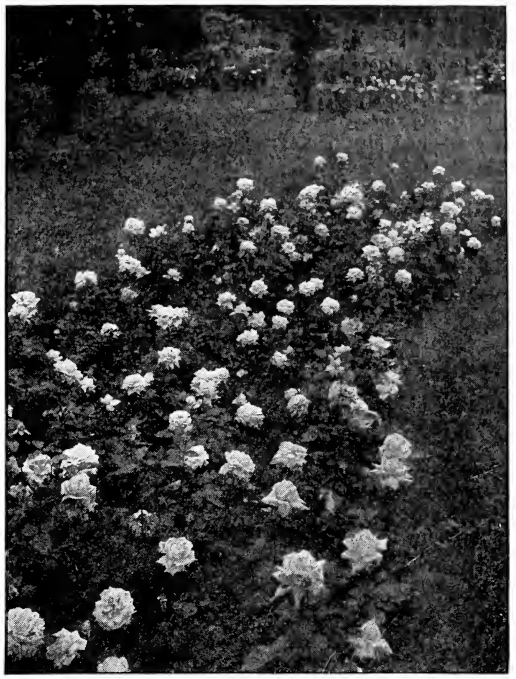
Common Bush. Pink; most popular bloomer.
Hermosa. Beautiful soft pink; one of the oldest.
Queen Mab. Soft rosy apricot, shaded orange.
The Old Cabbage Rose. Rose color; very fragrant.
Maiden's Blush (Cabbage Rose). White, shaded pale flesh.
Strong two-year plants, each 35c., doz. $3.50.

Old-Fashioned Moss Roses

These are grown mostly for their beautiful mossy buds. They require close pruning and high culture.
Strong two-year plants, each 35c., doz. $3.50.
Blanche Moreau. Pure white, large, full.
Crested Moss. Deep pink, buds surrounded with mossy fringe and crest.
Henry Martin. Fine rosy-red.
Salet. Light rose, large, full. The best of the class.

Roses in Pots for Late Planting

We have a general assortment of Hybrid Perpetual, Hybrid Tea, and Climbing Roses established in 5 and 6 inch pots for planting out during June and July. **Strong Blooming plants, each 75c., doz. $8.00.**



Bed of La France Roses

Rugosa Roses and Hybrids

For massing or hedge planting, the Rugosas cannot be excelled. The hybrids are attractive in the garden.

Rosa rugosa. An upright shrub attaining 5 to 6 feet in height; foliage shining dark green; not attacked by insects; flowers single, red, fragrant and produced freely from June to December; fruit bright crimson. Each 35c., doz. $3.50.
R. alba. The habit and foliage are similar to the above, but the flowers are pure white; fragrant.
R. Conradi Ferdinand Meyer. It is a strong, robust grower. The flower is clear silvery rose, very large and double; delightfully fragrant. Each 50c., doz. $4.50.
R. alba Mme. Georges Bruant. This is a very free-blooming white variety; a strong grower and blooms continuously; flowers, semi-double. Each 50c., doz. $4.50.

Agnes Emily Carman Flowers in clusters; brilliant crimson, of the shade of General Jacqueminot; very free blooming and continuing in bloom nearly all Summer; a rampant grower, handsome foliage, and very hardy. Each 50c.

Lady Duncan (Trailing Rosa rugosa). This variety is a hybrid from the well-known Rosa Wichuraiana and Rosa rugosa. It has the foliage and blossom of the latter and the vigorous growth and habit of the former. Each 75c.

Roseraie de l'Hay A new hybrid Rugosa of which we cannot speak too highly; a good grower; flowers very double; color carmine-cherry-red; it is a free bloomer and exquisitely scented. A most desirable acquisition. Each 75c.

New Century Cross between everblooming rose Clothilde Soupert and Rugosa alba. Very hardy and a continuous bloomer. Color a bright rosy pink with bright red center. Petals bordered with a creamy white. Each 75c.

Sir Thomas Lipton A new double white Rugosa. Each 50c.

Hardy Climbing Roses

We have selected from the newer sorts all those which have proved of superior merit and believe our selection strictly up-to-date.

All Roses offered under this section are extra strong selected stock, and far superior to the quality as generally offered.

Climbing American Beauty Same as its namesake in size color and fragrance, with the addition of the climbing habit, better blooming qualities, good foliage and has proven hardy. Each $1.50.

American Pillar A climbing Rose of recent introduction. It is of the Rambler type. Flowers are borne in clusters, which are followed in the Autumn by brilliant red seed, making it exceedingly attractive at all seasons of the year. The flowers are large, single and of a chaste shade of pink with bright yellow stamens in the center. Extra strong, each 75c.

Baltimore Belle. Large flowers blooming in clusters. Pale blush turning to white. Each 35c.

Crimson Rambler Needs no description—everybody knows the Rose. Bright crimson flowers borne in immense clusters during June and July. Extra-strong plants, each 35c. doz. $3.50; extra-selected plants, each 50c., doz. $5.00.

Dorothy Perkins

Dorothy Perkins A variety of Pink Rambler and rivaling the Crimson Rambler in vigor of growth and freedom of bloom. Countless clusters of double pink flowers of a most beautiful shade. Strong, selected dormant plants, each 35c., doz. $3.50; selected plants, extra-strong, bushy, each 50c., doz. $5.00.

White Dorothy Perkins. This new Rose has all the characteristics of its famous parent, except that the flowers are pure white. A splendid acquisition to the Rambler family of Roses. Strong two-year plants, each 50c., doz. $5.00.

Excelsa Very vigorous in growth, with dark glossy foliage. The flowers are very double, produced in large trusses of thirty to forty blooms; color a crimson maroon, tips of petals tinged with scarlet. Each 75c., doz. $7.00.

Flower of Fairfield The New Everblooming Crimson Rambler. Of the numerous recent introductions, this stands foremost as a Crimson-flowered Rambler, and the fact that it is a perpetual bloomer makes it exceedingly popular. Flowers bright crimson, more brilliant than the common Crimson Rambler. Strong, two-year plants, each $1.00, doz. $9.00.

Lady Gay. Immense clusters of double flowers delicate cherry pink fading to white; foliage is splendid and of a glossy deep green shade. Extra-strong plants, each 50c., doz. $5.00.

Queen of Prairie. Bright rose color; large, compact and globular; a very profuse bloomer. Each 35c.

Seven Sisters. Large flowers in clusters of seven Roses each, varied from white to crimson. Each 35c.

Tausendschon New Rambler Rose. It has the same vigorous habit of growth as the other Ramblers, making growths in a season of over ten feet, which are almost devoid of thorns. Bears immense clusters of flowers, a soft pink when opening, changing to carmine rose on the reverse as they fully expand. Extra strong 2-year-old plants, each 50c., doz. $5.00.

Trier A new Perpetual-Flowering Pink Rambler. Without doubt the best Rose of its class and color yet introduced. A strong grower. Flowers borne in large clusters; pale rose, changing to white, each showing a large cluster of yellow stamens. Strong 2-year plants, each 75c., doz. $6.00.

Baby Ramblers, Dwarf Bedding Roses

A type of Rose which is becoming very popular for bedding purposes. They form shapely, compact, bushy specimens about 18 inches high, producing in great profusion, from early in the season until severe frost, immense trusses of small flowers.

Baby Dorothy. Nothing can surpass its beauty in a deep pink shade. It has all the flowering qualities of the famous Dorothy Perkins, but being dwarf, it is completely smothered in flowers throughout the Summer and Fall. Strong field-grown plants, each 50c.

Crimson Baby Rambler (Mme. Norbert Levavasseur). Crimson flowers similar to the popular climbing Crimson Rambler. Strong two-year plants, each 50c.

Mrs. Wm. H. Cutbush. A beautiful cherry-pink and very free flowering. Strong two-year, each 50c.

White Baby Rambler (Katherina Zeimet). Pure white flowers, showing the yellow stamens very prettily, produced in large candelabra-shaped trusses. Strong two-year plants, each 50c.

Wichuraiana Roses

Each 35c., doz. $3.00.

For covering banks and rocky slopes these Roses will be found valuable. Foliage glossy green, rarely attacked by disease or insects.

Rosa Wichuraiana (The Memorial Rose). Beautiful, fragrant, single pure white flowers, with yellow stamens, followed in the Fall with bright red berries.

Evergreen Gem. Flowers buff, changing to creamy white, very double; foliage dense, rich, bronzy green.

Gardenia. A vigorous grower; bud bright yellow, opening cream color.

Manda's Triumph. Double white flowers, produced in clusters; sweet scented.

Pink Roamer. Single, bright pink.

Universal Favorite. Flowers very double, of pretty rose color.

South Orange Perfection. Soft blush-pink.

COMPLETE LIST OF

THE BEST HARDY PERENNIALS

FOR ALL REQUIREMENTS

TIME FOR PLANTING, SEPTEMBER AND OCTOBER

Assortments of varieties priced at 15c. each, $1.50 per doz.; 20c. each, $2.00 per doz.; 25c. each, $2.50 per doz. Half-dozens at the dozen rate.

Anemone Japonica Alba

ACANTHUS mollis. (Bear's Breech.) Deeply cut shiny foliage, flowers white. July to September. 3 ft. Each 20c., doz. $2.00.

ACHILLEA, "The Pearl." Small double-white flowers in open heads, blooming profusely all Summer. 2¼ ft. Each 15c., doz. $1.50, 100 $10.00.

ACONITUM Napellus. Dark blue flowers hooded in dense heads from July to September. 3 ft.
Napellus album. Pure white-hooded flowers.
Napellus bicolor. Flowers blue and white.
Each 20c., doz. $2.00.

AGROSTEMMA coronaria. An excellent plant for borders and of very easy cultivation. Flowers are bright crimson, blooming during June, July and August. 2 ft. Each 15c., doz. $1.50.
Flos Jovis. Bright pink flowers; quite large. June to September. 1½ ft. Each 20c., doz. $2.00.

ANCHUSA Italica. (Dropmore Variety.) New. The bright blue Forget-Me-Not-like flowers are borne on graceful stems during the entire season and way late into the Fall. Each 20c., doz. $2.00.
sempervirens. Rich blue. Each 20c., doz. $2.00.

ANTHEMIS Kelwayi. Bright yellow flowers; Daisy-like. July to September. 2 ft. Each 15c., doz. $1.50.

ARABIS alpina. Charming white flowers in Spring. Dwarf, free flowering. 6 in. Each 15c., doz. $1.50.

ARMERIA maritima. (Cushion Pink.) Deep crimson flowers on stiff stems during the Summer, above evergreen tufts of foliage. 1 ft. Each 15c., doz. $1.50.

ANEMONE Japonica. The varieties of Anemone Japonica are among the most beautiful of our hardy perennials, flowering about the first of August and continuing till frost. They are at their best in September, and at that time they are the most attractive plants in the garden. They are quite hardy and will stand our New England Winters fully as well as any other perennials.
alba. Flowers pure white, with prominent yellow stamens. Flowers produced on long stems.
Lady Ardilaun. A very robust form of the above with large, massive foliage.
Beaute Parfaite. Pure double white flowers and the best of its color.
Elegantissima. Large semi-double rose flowers borne on long stems.
Prinz Heinrich. Of dwarf, compact habit, with very large, semi-double dark red flowers.
Queen Charlotte. A very beautiful semi-double variety, light pink in color.
Whirlwind. A semi-double form of A. alba. Of the same habit of growth, but more free-flowering, lasting much longer than the single sorts.
Each 20c., doz. $2.00, 100 $15.00.

ANEMONE Hepatica. See Hepatica.

AQUILEGIA chrysantha. Flowers are a pure golden yellow with long spurs. Very fragrant and one of the best of the Columbines. June to September. 3 ft. Each 20c., doz. $2.00.
chrysantha alba. A white-flowering form of above. Each 20c., doz. $2.00.
cœrulea. Large violet-blue and white flowers with long spurs. 2 to 3 ft. Each 20c., doz. $2.00.
cœrulea alba. A pure white form of Cœrulea. Each 20c., doz. $2.00.
Long-spurred Varieties. A selected strain of immense flowers in all the brilliant shades. Each 20c., doz. $2.00.

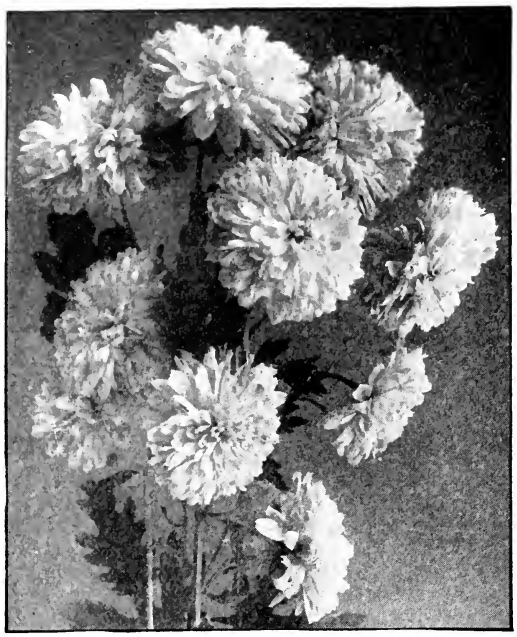
ARTEMISIA Absinthium. (True Wormwood.) Spreading and shrubby. Leaves deeply cut and silky-white. 2 ft. Each 25c., doz. $2.50.

ASPHODELUS luteus. A very handsome perennial with dense spikes of yellow flowers. June and July. 3 to 4 ft. Each 20c., doz. $2.00.

ASCLEPIAS tuberosa. (Butterfly Weed.) Flowers are a bright orange and are borne in terminal flat clusters. Will succeed best on dry soil. June to September. 2 ft. Each 15c., doz. $1.50.

HARDY ASTERS. (Michaelmas Daisies.) Each 20c., doz. $2.00.
Arturens. Bright red. Aug. to Oct. 3 ft. A profuse bloomer and one of the best yet introduced.
ericoides. White with yellow center. Oct. and Nov. 3 ft. Flowers small; free flowering.
Lady Trevellyan. Large, pure white flowers; quite early. 3 to 4 ft.
longifolia formosissima. Dense head of rosy purple flowers of medium size. 3 ft.
Madonna. The best late pure white. 3 ft.
Novae-Angliæ. (New England Aster.) Violet-purple, large flowers, blooming late. 4 ft.
Novae-Angliæ roseus. Rosy crimson. Late.
Tartaricus. Purple. 6 ft. Sept. and Oct.
Bleeding Heart. See Dicentra.

BOLTONIA latisquama. Very showy pink flowers, fine for cutting. Blooms very profusely during August and September. 4 to 5 ft. Each 15c., doz. $1.50.



Hardy Chrysanthemums

CAMPANULA Carpatica. A dwarf, compact-growing variety with blue, bell-shaped flowers, borne erect to a height of 9 inches, from June to September. Each 15c., doz. $1.50.

Carpatica alba. Similar to preceding except in color, which is a pure white. Fine for borders. Each 15c., doz. $1.50.

glomerata acaulis. Dwarf-growing Campanula, with handsome clusters of dark blue flowers. Of great value for rockwork and borders. Each 25c., doz. $2.50.

grandiflora. See Wahlenbergia.

persicifolia gigantea plena, "Moerheimi." A superb variety. The flowers are all very double, pure white and measure 3 to 3½ inches across. Each 15c., doz. $1.50.

persicifolia grandiflora cœrulea. Large, purple, bell-shaped flowers during June and July, and borne on a spike 3 to 3½ ft. high. Each 15c., doz. $1.50.

persicifolia grandiflora alba. A pure white form of above. Each 15c., doz. $1.50.

rotundifolia. (Scotch Blue Bell.) Each 20c., doz. $2.00.

Calycanthema. (Cup and Saucer.) A very popular form of Canterbury Bells, having calyx colored like the corolla. The formation of calyx and corolla is quite distinct and appropriately described by its common name, Cup and Saucer. We offer the following separate colors: **Blue, White** and **Rose.** Each 15c., doz. $1.50.

CAMPANULA MEDIA. (Canterbury Bells.) Old-fashioned hardy biennials that rank among the most popular of our garden plants, growing to a height of 2½ to 3 ft. Flowers large, bell-shaped, produced in June and July. They will thrive in any good garden soil and prefer a sunny location. **Single Blue, Lavender, Mauve, Rose, White, Double Assorted.** Each 15c., doz. $1.50, 100 $10.00.

CARNATIONS, Hardy. See **Dianthus.**

CENTAUREA montana. Large bluish-purple flowers in July, August and September. 2 ft. Each 15c., doz. $1.50.

CHELONE barbatus Torreyi. (Pentstemon.) A stately brilliant-flowering plant, with long, loose panicles of bright scarlet flowers. July. 4 to 5 ft. Each 15c., doz. $1.50.

Chelone Lyoni. Beautiful heads of deep red flowers in September. Each 20c., doz. $2.00.

CHRYSANTHEMUM Leucanthemum. (Shasta Daisy.) Very large, Daisy-like flowers, often measuring 4 inches across. Three or more rows of petals of the purest white and borne on single, stiff stems. In bloom from July to frost. 2 ft. Each 15c., doz. $1.50.

maximum. Flowers large; petals pure white, center yellow and often overlapping. Continues in bloom all Summer and is perfectly hardy. Each 15c., doz. $1.50.

CHRYSANTHEMUM. (New Giant Pompon.) Grows 5 ft. tall with flower 4 inches in diameter; early flowering and hardy.

Bayona. Lavender. Each 50c.

Orient. Pure white. Each 50c.

Plants from 2½-in. pots bloom first season.

CHRYSANTHEMUM Hardy Pompon. The hardy Pompons are rapidly coming into general favor, as bedding plants. Flowers are very double and borne in great profusion from September to frost. Well established plants. Each 25c., doz. $2.50, 100 $18.00.

Aberdeen. Bright maroon; semi-double; large.

Bridesmaid. A delicate blush; good, double flower.

Daybreak. Pink, tinged with yellow.

Globe d'Or. Dwarf; clear yellow; large flower.

Gold Finch. Golden yellow, shaded crimson.

Golden Pheasant. Orange yellow.

Grace Darling. Lilac, shaded with pink center.

King Henry. Double sulphur white; large.

Rhoda. Light pink; double; very floriferous.

Ruby Queen. Handsome, dark ruby red; desirable.

Surprise. Clear lilac shade; quite distinct.

White Queen. Pure white; large flower.

COREOPSIS grandiflora. Handsome yellow flowers with brown center. Considered by many to be the best Coreopsis we have. Each 15c., doz. $1.50.

lanceolata. A superb variety for cutting. Flowers are golden yellow and fully 3 inches in diameter. Very profuse bloomer. June to frost. 2 ft. Each 15c., doz. $1.50.

DELPHINIUM Belladonna. Beautiful, clear blue, with white eye; dwarf habit, free flowering, blooming all Summer. Each 20c., doz. $2.00.

Chinense album. A pure white Larkspur bearing flowers in open heads. Grows about 3 feet high. Each 15c., doz. $1.50.

Chinense azureum. A delicate, clear blue form of above. Each 15c., doz. $1.50.

elatum. (Bee Larkspur.) Dark blue flowers on extra long spikes. 5 to 6 ft. Each 20c., doz. $2.00.

formosum. The most popular and considered by many the best of the Larkspurs. Flowers are a deep blue, having a white eye, and are produced on long spikes. 4 ft. Each 20c., doz. $2.00.

formosum coelestinum. Similar to Formosum but light sky blue in color. Each 20c., doz. $2.00.

King of Delphiniums. Dark blue. June and July. 4 to 5 ft. Sun or half shade. Each 25c., doz. $2.50.

DIANTHUS plumarius.

Elizabeth Peters. (New.) Strawberry color, yellow tinted crimson center. Single, sweet scented, and everblooming. Hardy. Each 50c.

Her Majesty. Very fragrant flowers, large, double and pure white. Excellent for cutting. Each 20c., doz. $2.00.

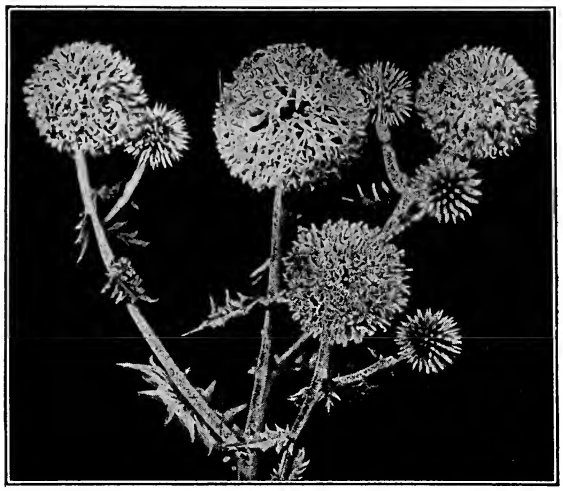
plumarius, Assorted. Hardy Carnation, in colors of red, white and pink. June and July. 1 ft. Each 15c., doz. $1.50.

Perpetual Snow. Pure white, double and very large. The flowers are delicately scented and the stems strong. It blooms constantly and freely. Each 20c., doz. $2.00.

DICENTRA spectabilis. (Bleeding Heart.) Blooms in May and June, and has long, graceful racemes of rosy red flowers, with protruding white inner petals. 3 ft. Each 15c., doz. $1.50.

DICTAMNUS Fraxinella. (Gas Plant.) Fragrant foliage and showy terminal racemes of light red flowers. June-July. 3 ft. Each 15c., doz. $1.50.

Fraxinella alba. A pure white form of the above. Each 15c., doz. $1.50.



Echinops ritro

DIGITALIS. (Foxglove.) Old-fashioned hardy biennial plants with broad foliage and showy flowers borne on spikes. June and July. Price of the following: Each 20c., doz. $2.00.
Gloxiniæflora alba. Beautiful Gloxinia-shaped flowers; pure white.
Gloxiniæflora purpurea. Purple
Gloxiniæflora rosea. Handsome pink.
purpurea. Purple flowers, throat spotted.

DORONICUM plantagineum excelsum. Very large orange-yellow flowers with darker center, borne during May, June and July. 2 ft. Each 20c., doz. $2.00.

ECHINACEA purpurea. (Cone Flower.) Large flowers with drooping pink-colored magenta rays and purplish crimson rounded center. June to September. 4 ft. Each 20c., doz. $2.00.

ECHINOPS Ritro. (Globe Thistle.) Large globular heads of blue, thistle-like flowers, borne during July and August. 3 ft. Each 20c., doz. $2.00.

ERIGERON speciosus. Handsome light blue, finely cut petals with yellow center. In bloom from June to October. 2 ft. Each 15c., doz. $1.50.

EUPATORIUM purpureum. Very large, showy panicles of purple flowers. Will thrive in any kind of soil. 6 to 8 ft. August and September. Each 15c., doz. $1.50.

FESTUCA glauca. (Fescue Grass.) A neat tufted grass with glaucous blue foliage. An excellent plant for edging. Each 15c., doz. $1.50.

FUNKIA undulata media variegata. Green leaves margined and edged white. Fine for borders and edgings. Each 15c., doz. $1.50.
subcordata grandiflora. Large white flowers, borne in heads. Foliage green, pointed; sweet-scented. 18 in. August and September. Each 15c., doz. $1.50.

GAILLARDIA grandiflora. One of the showiest of perennials. Ray flowers ranging from red to yellow around a dark maroon center. 3 ft. June to frost. Each 15c., doz. $1.50.

Gas Plant. See **Dictamnus.**

GYPSOPHILA paniculata. (Baby's Breath.) Minute white flowers borne in enormous quantity in open panicles during Summer months. Valuable for cutting. 3 ft. Each 15c., doz. $1.50.

HELIANTHUS multiflorus fl. pl. (Double Sunflower.) Large, double, yellow flowers during Summer and Fall. 4 to 5 ft. Each 15c., doz. $1.50.
rigidus. A beautiful orange-yellow variety, blooming from July to September. Each 15c., doz. $1.50.

HELENIUM Bigelowii. Handsome yellow flowers with brown center, borne during Summer. Ray flowers serrated and overlapping in several rows. 2 ft. Each 15c., doz. $1.50.
autumnale superbum. Large, yellow flowers, with drooping rays borne in immense panicles. 6 to 7 ft. July to September. Each 15c., doz. $1.50.
Hoopesii. Bright orange-yellow flowers from June to September. 5 to 6 ft. Each 15c., doz. $1.50.
pumilum magnificum. Grows 2½ ft. high, producing a great number of large, yellow flowers from June to Autumn. Each 15c., doz. $1.50.

HELIOPSIS Pitcheriana. Deep orange-yellow flowers; early to late Summer; long, stiff stems. Fine for cutting. 3 ft. Each 15c., doz. $1.50.

HEMEROCALLIS, Apricot. (Day Lily.) 2 ft. A pretty seedling variety about the size of H. fulva, of a clear, bright orange. Each 25c., doz. $2.50.
aurantiaca major. A splendid plant from Japan, with large trumpet-shaped flowers of a deep orange color and sweetly scented; flowering during Autumn. Each 40c., doz. $4.00.
flava. (Lemon Lily.) 3 ft. May and June. Flowers clear, full, yellow; very fragrant; fine for cutting. Each 20c., doz. $2.00.
flava major. Large yellow. 3 ft. May and June. Each 25c., doz. $2.50.

HEPATICA. (Anemone Hepatica.) A beautiful, early, hardy flower. In sheltered spots on porous soil the foliage will remain through the Winter. The Hepatica is a deep rooter, hence it thrives so well upon made banks. Where let alone and not often pulled to pieces, it makes strong tufts. Clumps of the rich-colored reds, white and blues, blooming from March to May.
alba. Pure white. Each 15c., doz. $1.50.
cœrulea. Rich blue. Each 15c., doz. $1.50.
rubra. Brilliant deep red. Each 15c., doz. $1.50.

HEUCHERA sanguinea. Small, scarlet flowers in large, graceful panicles. One of the best of the scarlet perennials. 18 inches. June to October. Each 15c., doz. $1.50.

HIBISCUS, Crimson Eye. Large, showy white flowers, with a crimson-purple eye. August and September. 6 to 7 ft. Each 15c., doz. $1.50.
militaris. Large, light pink flowers, crimson center. July to September. 5 to 6 ft. Each 15c., doz. $1.50.
Moscheutos albus. (Swamp Mallow.) Beautiful large white flowers in August and September. 3 to 4 ft. Each 15c., doz. $1.50.
Moscheutos roseus. A pink form of above and one of the handsomest large-flowering perennials. Each 15c., doz. $1.50.

HOLLYHOCK. See Page 140.

Gaillardia grandiflora hybrida

HOLLYHOCKS. Perfectly hardy and grow to a height of 6 or 8 ft. The plants, when in full bloom, are ornaments to any garden. The tall stalks, covered with large brilliant flowers, stand out prominently and attract great attention.

CHATER'S PRIZE DOUBLE. This strain, without doubt, is the equal of any other in range of color, perfection of form and percentage of double flowers. **Flesh Color, Pure White, Red, Bright Rose, Deep Maroon, Sulphur Yellow.** Each 20c., doz. $2.00, 100 $12.00.

Mammoth Alleghany Hollyhock. A grand flower seldom less than 4 inches in diameter and of very transparent texture—so delicate that it looks like crushed silk. Each 20c., doz. $2.00.

HOLLYHOCKS, SINGLE. In separate colors. **Bright Rose, Flesh Color, Maroon, Red, Sulphur Yellow, White.** Each 20c., doz. $2.00.

HYPERICUM Moserianum. (Gold Flower.) Large, showy, yellow flowers from June to frost. 18 in. Each 20c., doz. $2.00.

INCARVILLEA Delavayi. Very large rose-colored flowers lasting a long time. Rich green foliage. June to August. 2 ft. Each 20c., doz. $2.00.

LATHYRUS latifolius. (Perennial Pea.) Handsome red, white and pink Pea-like flowers during Summer. Fine for cutting. Each 20c., doz. $2.00.

LIATRIS pycnostachya. Handsome long spikes of rosy purple flower-heads borne during August and September. 4 to 5 ft. Each 15c., doz. $1.50.

LINUM perenne. Pale blue flowers, with pretty evergreen foliage. June to November. 18 in. Each 15c., doz. $1.50.

Hardy Polox, Tapis Blanc

LOBELIA cardinalis. Long, dense spikes of handsome rich cardinal-red flowers. Often 10 to 18 of these spikes. Bloom in August and September. 3 to 4 ft. Each 15c., doz. $1.50.

LUPINUS polyphyllus. (Lupin.) Deep blue Pea-shaped flowers on long spikes. June to September. 2 to 3 ft. Each 15c., doz. $1.50.

polyphyllus albus. Pure white. Each 15c., doz. $1.50.

LYCHNIS Chalcedonica. (London Pride.) Brilliant scarlet flowers in close heads. June to September. 3 ft. Each 15c., doz. $1.50.

Flos-cuculi. (Cuckoo Flower.) Very deep red flowers in clusters. Bloom all Summer. 2 ft. Each 15c., doz. $1.50.

Haageana. Showy orange-scarlet and pink flowers in large heads. June to September. 18 in. Each 15c., doz. $1.50.

viscaria splendens fl. pl. Bright rose flowers in spikes. 1 to 1½ ft. Each 15c., doz. $1.50.

Hardy Phlox

We can supply varieties not listed

This magnificent family of Hardy Perennials may be well termed the most widely known and deservedly popular of all the various plants we have in our gardens. There is no perennial more worthy of culture, more satisfactory in every situation, or more suited for individual planting or grouping for mass effect. They are at their best in the late Fall.

Price: Each 15c., doz. $1.50, 100 $12.00, unless otherwise noted.

Annie Cook. Flesh pink. Very fragrant. The best Phlox yet introduced. Each 30c., doz. $3.00.

Aurora Boreale. Orange with purple center. Large panicles.

Boule de Feu. Cherry red, brilliant.

Bridesmaid. White with large rose center.

Coquelicot. Orange scarlet, crimson center.

Eclaireur. Carmine, salmon center; large.

Elizabeth Campbell. New, very large spikes, light salmon changing to pink in the center. Each 30c., doz. $3.00.

Independence. Pure white; late.

Jeanne d'Arc. Late flowering, pure white; tall.

Joseph Gerbeaux. New. Large white with cherry-red center. Each 25c., doz. $2.50.

Le Feu du Monde. Bright salmon red; tall, late.

L'Esperance. Light lavender pink, white center.

Le Soleil. Brilliant china rose, rose center; medium height; early, free-flowering variety. A favorite.

Michael Buckner. Dark purple.

Miss Lingard. Almost pure white, pink eye. large spikes; fine.

Ornament. Bright pink, very large, medium height.

Pink Beauty. Light pink.

Prof. Schliemann. Bright red, crimson eye. Late.

Richard Wallace. Pure white, violet-rose center.

R. B. Struthers. Bright pinkish salmon, crimson eye.

Rynstroom. A gold medal variety. New Color bright pink, each individual flower being larger than a silver dollar. Very large trusses. Offered for the first time this year. 2½-in. pot plants, each 50c., doz. $5.00.

Saison Lierval. White, light pink center.

Salma. Delicate pale rose, with distinct red eye.

Tapis Blanc. Pure white and very dwarf Panicles of enormous size. New. Each 30c., doz. $3.00.

Vesuvius. Pure red, with purple eye; a dazzling color.

IRIS

Iris Germanica, or German Iris

The German Iris blooms in June and is one of the most desirable Spring-flowering plants. No garden should be without a collection; we offer below a number of the best and most profuse flowering varieties.

Prices, except where noted, each 15c., doz. $1.50, 100 $10.00.

In the following descriptions "S" signifies the standards, or erect petals; "F" the falls, or drooping petals.

Asiatica. S. Purple plume. F. Darker purple.
Canary Bird. S. Canary yellow. F. Crimson purple.
Celeste. Pure celestial blue, changing to porcelain.
Darius. S. Lemon. F. Yellow, veined and corded with purple.
Donna Maria. S. Azure. F. Purple.
Duchesse de Nemours. S. Pale lilac. F. Purple violet, veined white.
Flavescens. Light primrose yellow, large flowers.
Florentina alba. S. and F. Light porcelain blue, changing to white.
Florentina Blue. S. and F. Yale blue. Fragrant.
Hector. Yellow and brownish red.
Honorabilis. S. Indian yellow. F. Chestnut red.
La Tendre. S. Lavender blue. F. Blue, veined violet.
L'Innocence. Pure white, penciled purple and orange.
Madame Chereau. S. and F. Pure white, penciled violet.
Maori King. S. Golden yellow. F. Chocolate, veined white.
Mrs. H. Darwin. S. French white. F. White, veined purple.
Pallida Dalmatica. 3 to 4 ft. Lavender, stately spikes; excellent. Each 25c., doz. $2.50.
Pallida speciosa. S. Violet blue. F. Purple.
Princess of Wales. Combination violet purple, violet and yellow.
Purple Queen. S. and F. Rich violet purple.
Queen of May. S. and F. Bright rosy lavender.
Silver King. S. and F. Pure white, very large; fragrant.

Iris Kæmpferi. Japanese Iris

The flowers of the Japanese Iris are often 8 to 10 inches in diameter and of remarkably varied and beautiful colors. They thrive best in a rich and somewhat moist soil. Their blooming season is from the middle of June to about August 1. We carry in stock over fifty varieties, but will describe here a number of the best obtainable, selected from direct importations from Japan.

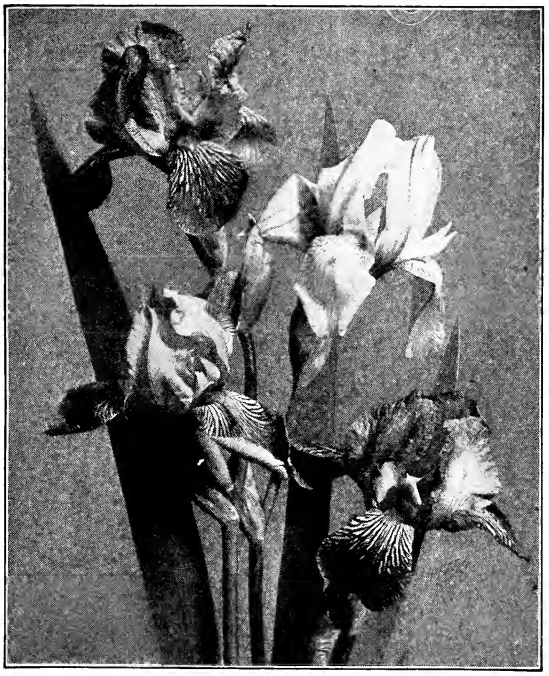
Large Plants, each 25c., doz. $2.50, 100 $15.00. Set of 20 sorts $4.00.

(Order by number or name.)

No.
4 **Kumo-no-obi.** Double violet purple, white center.
7 **Sofu-no-koi.** Double light blue, with pink marking.
8 **Mana-dowru.** Double white, penciled blue, purple center.
10 **Yomo-no-umi.** Double, maltese lavender, purple center, penciled.
11 **Mei-ran.** Single, carmine rose.
12 **Kuma-funjin.** Double, dark purple, blue center.
13 **Taihei-raku.** Single, dark crimson.
14 **Hana-aoi.** Double, bright violet blue, shaded white.
15 **Uchin.** Double, bluish purple, veined white.
16 **Oshkun.** Double navy blue, purple center.
19 **Kimi-no-megumi.** Single, light blue, penciled, red center.
20 **Kumo-no-uye.** Double, very dark bluish purple.
23 **Oniga-shima.** Double, violet purple, sapphire center.
26 **Senjo-no-hora.** Double, dark red, splashed white.
28 **Shira-taki.** Double, white with yellow marking.
29 **Shiga-no-wia-nami.** Double, sapphire and blue, penciled white.

JAPANESE IRIS—Continued

No.
30 **Kagaribi.** Double, rose red, penciled white.
31 **Kosui-no-iro.** Double, very light blue, white center.
32 **Komochi-guma.** Single, very dark blush purple.
33 **Kaku-jaku-ro.** Single, light pink and blue, penciled white.
34 **Momiji-no-taki.** Double, pink ground, blue and yellow veined.
35 **Shuchiu-krva.** Single, white, margined with pink.
36 **Yedo-kagami.** Single, dark red, purple center.
39 **Tsurugi-no-mai.** Single, dark maroon.
40 **Iso-no-nami.** Double, blue, splashed white.
41 **Oyodo.** Single, dark purple.
44 **Kyodai-san.** Double, very dark blue, penciled white.
46 **Koki-no-iro.** Double, reddish purple.
47 **Samidare.** Double, white.
49 **Tsuru-no-kegoromo.** Single, white.
50 **Date-cogu.** Single, dark red, pink center.



Iris Germanica

Miscellaneous Irises

Cristata. Light blue, spotted with yellow. Fringed. May. 8 in. Each 20c., doz. $2.00.

Pseudacorus. A semi-aquatic plant; flowers yellow, shaded orange. Each 15c., doz. $1.20.

Pumila. An excellent dwarf Iris for border use, growing from 8 to 10 in. high; purple, pure white, light blue and yellow. Each 20c., doz. $2.00.

Var. cyanea. Rich purple with blackish tint. May. 4 to 8 in. Very desirable and fine. Each 20c., doz. $2.00.

Var. formosa. Deep violet blue. May. 4 to 8 in. A most profuse bloomer. Each 20c., doz. $2.00.

Sibirica. Light blue, with dark lines. Very bushy, free flowering and choice. Each 15c., doz. $1.50.

Sibirica Snow Queen. Pure white. Very free and fine. Each 25c., doz. $2.00.

Double Pæony

Milton Hill (true)

The Finest Variety in existence

Very large, globular form, of compact rose type; delicate pale lilac rose; very distinct; pure color; exceedingly strong growth; of medium height; somewhat later in flowering than most varieties. Each $5.00.

Pæony, Milton Hill

Collection of New, Rare and Beautiful Pæonies

The Pæonies are among the noblest and most magnificent of our herbaceous plants. With the addition of superb newer varieties.

The colors have the greatest range, embracing white, flesh color, rose, pink, salmon, yellow, scarlet and crimson in lighter and darker shades.

They require very rich soil, are perfectly hardy, and in planting care should be taken to select a rich, sunny place. The tip of the crown should be 6 inches below the surface.

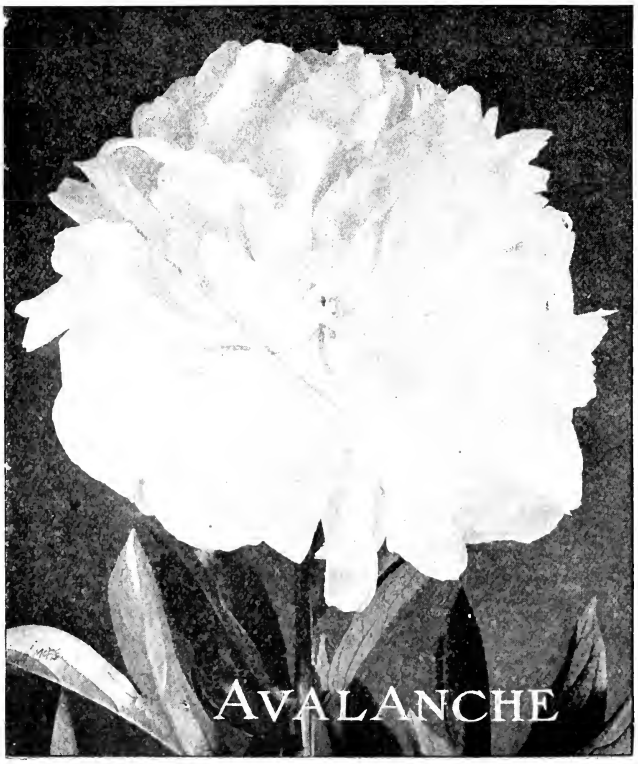
Time of delivery. All roots can be delivered from early April until the end of May, and again from September on and until freezing time in the Fall.

Directions for Shipping. Pæony roots can only be shipped by express, purchaser paying transit.

Our list here only shows varieties. We have 300 varieties. If you do not find the variety wanted listed here, *write us.*

Adolphe Rousseau. Very large blooms, deep purplish red with metallic reflex; very brilliant, very tall, stiff stems, perfect habit; extra. Each $2.00.

Albert Crousse. Large, convex bloom, very full, flesh pink, lightly reflected lilac; center shaded clear pink extra. Each $2.00.



Aurore. Cup-shaped flower, very soft flesh pink, salmoned yellow at base of petals; numerous golden stamens. Each $3.00.

Avalanche. Large blooms of perfect shape, fine milk white, creamy center with a few stripes of carmine; extra. Each $2.50.

Baroness Schroeder. Flesh, changing quickly to white, creamy center. Each $5.00.

Boule de Neige. Large, cup-shaped bloom, of perfect shape with lightly sulphured center, bordered with bright carmine; erect habit; extra. Each $1.50.

Charles Toche. Globular flower, clear purple with carmine reflex, petals intermixed with golden stamens; very elegant variety. Each $1.50.

Coquelin. Large, imbricated, cup-shaped bloom, bright China pink, silvery border, early bloomer; extra. Each $2.00.

Couronne d'Or. Large, imbricated bloom, white reflected yellow, central petals bordered carmine, golden stamens; extra. Each $1.25.

Duchesse de Nemours. Very fine cup-shaped bloom, sulphur white with greenish reflex; fine bud. Each $1.25.

Eugene Verdier. Large cup-shaped bloom, flesh pink, shaded yellow and salmon, erect habit, very fresh color; extra. Each $1.50.

Festiva Maxima. Enormous, full, double blooms, petals very broad, color pure white with an occasional carmine spot; very vigorous grower; one of the best white Pæonies. Each $1.00.

Germaine Bigot. Large blooms, glossy flesh color, shaded salmoned tea, an exquisite fleshy-colored bloom; very fine. Each $4.00.

L'Esperance. Vivid rose, early, fragrant. Each $1.25.

La Fayette. Large imbricated bloom, fringed petals, velvety purplish pink with silvery reflex; extra. Each $2.00.

PÆONY—Continued

La Reine. Delicate rose changing to white, center straw, fringed, sometimes tipped crimson. Each $1.25.

La Tendresse. Very full, spreading, immense flowers, creamy color, changing to pure white; extra. Each $2.50.

La Tulipe. Very large globular flower, flesh pink, shading to ivory white, few of the center petals tipped crimson; quite fragrant; stems long and strong. Vigorous grower; extra. Each $1.50.

Marie. White, washed chamois; very late variety; extra. Each $2.00.

M. Martin Cahuzac. Large flowers of nice form, rounded petals of a very brilliant purple red, shaded with black maroon color with metallic reflex, erect habit, glaring color. The darkest of all; very handsome variety; extra. Each $5.00.

Madame Auguste Dessert. Large, imbricated cup-shaped flower of a perfect form, rounded petals, glossy flesh color shaded carmine. Each $4.00.

Marguerite Gerard. Very large bloom; broad petals, fleshy color, changing to a very soft fleshy white, creamy-white center. Each $4.00.

Madame Bucquet. Very pretty bloom, perfectly shaped, velvety black amaranth; coloring of the darkest; extra. each $1.50.

Mlle. Marie Calot. Centifolia rose shaped, fine fleshy pink, glossy background lighted with silvery tints; late; extra. Each $2.00.

Madame Calot. Pinkish white tinted with flesh color; extra fine variety. Each $1.25.

Madame de Treyeran. Large globular bloom, white, slightly fleshy, dotted lilac and spotted carmine, fresh coloring; extra good bloomer. Each $4.00.

Rosa Bonheur. Large blooms in clusters, fine fleshy pink, very fresh color; dwarf plant; extra. First-class certificate of merit, Massachusetts Horticultural Society. Each $5.00.

Therese. Very large, cup-shaped imbricated flowers, glossy flesh, lightly shaded pink, very fresh coloring, blossoms in clusters; extra. Each $5.00.

Simonne Chevalier. Very large, globular flowers, extra full, guard petals soft silvery pink, those of the center narrower; soft salmon pink glazed lilac blossoms. Each $2,00.

Collection of 6 varieties for $7.50

	Each		Each
Festiva Maxima	$1.00	**Charles Toche**	$1.50
Albert Crousse	2.00	**Coquelin**	2.00
Marie Jacquin	1.25	**La Fayette**	2.00

See each Variety for Description.

Pæonia Arborea (Tree Pæony)

A handsome dwarf shrub, free flowering, blooming about three weeks earlier than the herbaceous varieties. It is quite hardy, but is benefited by a slight protection in Winter. Each $1.50, doz. $15.00.

Banksii. Rose blush, with purple center. Very large and fragrant.

Elizabeth. Rosy crimson. Very large and full.

Pæonies in Colors

Double, in shades of red. Each 25c., doz. $2.50.

Double, in shades of white. Each 25c., doz. $2.50.

Double, in shades of pink. Each 25c., doz. $2.50.

Officinalis rubra. The old-fashioned deep red Pæony. Very double and fragrant. Each 25c., doz. $2.50.

Tenuifolia fl. pl. Handsome divided foliage. Flowers large, full, double, deep blood red. A dwarf, compact bloomer. Each 30c., doz. $3.00.

Tenuifolia single red. Similar to preceding, except in flowers, which are single and very attractive. Each 30c., doz. $3.00.

Twelve Standard Pæonia Sinensis

The following named varieties are all standard and well-tried sorts that have proved very satisfactory.

Price of any of the following: Each 35c., doz. $3.50. Set of 15 varieties $4.50.

Alexandrina. A handsome bright rose. Fine flower.

Anemonæflora rubra. A rich, dark carmine red.

Duc de Cazes. A dark rose, with center petals lighter.

Duchesse D'Orleans. Pale rosy lake with distinct salmon center. A very beautiful sort.

Edulis Superba. An extra fine, bright rose variety. One of the best and very sweet scented.

Festiva alba. Very fine pure white.

Fideline. Very dark purplish crimson.

L'Elegante. A brilliant rose color, with well formed, globular flowers.

Louis van Houtte. A deep dark red; one of the choicest of its color. Large and finely formed.

Magnifica. A beautiful white, slightly tinted flesh color.

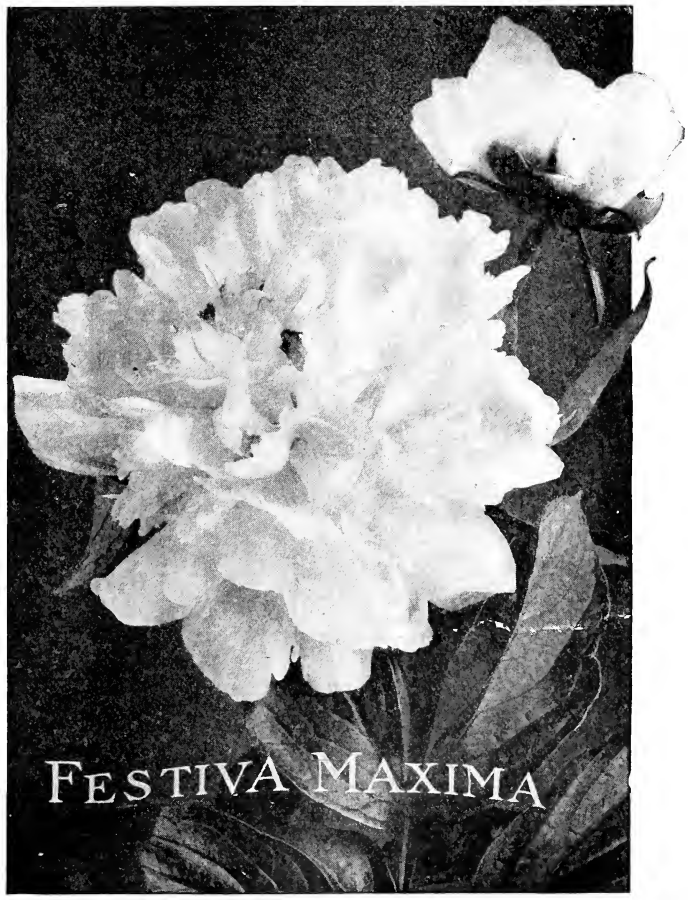
Princess Mathilde. A fresh rose-colored self. Excellently-formed flower; one of the most attractive of this collection.

Prolifera Tricolor. Handsome soft flesh-colored flower.

Pulcherrima. A very delicate shade of soft rosy white with tinge of salmon in center.

Rosea Elegans. A beautiful combination of soft rose and salmon yellow.

Victoria. A rosy white, with yellowish center. Quite free flowering.



LYTHRUM roseum superbum. A very free-flowering plant of robust habit, producing long, showy spikes of rosy-red flowers during the Summer months. 3 to 4 ft. Each 15c., doz. $1.50.

MALVA moschata. (Musk Mallow). Handsome pink flowers. June to August. 2 ft. Each 15c., doz. $1.50.

moschata alba. A white form of the above. Each 15c., doz. $1.50.

MONARDA didyma. Bright scarlet, extremely showy flowers in terminal heads. July to September. 2 to 3 ft. Each 15c., doz. $1.50.

OENOTHERA Youngii. Bright lemon-yellow flowers; pendulous branches; shiny glaucous foliage. June to Sept. 2 ft. Each 20c., doz. $2.00.

macrocarpa, or **Missouriensis.** (Evening Primrose.) Deep yellow. June to Aug. 10 in. Each 20c., doz. $2.00.

PENTSTEMON Digitalis. Pure white Foxglove-shaped flowers, in spikes. July and August. 2 to 3 ft. Each 15c., doz. $1.50.

See also **Chelone.**

PHYSOSTEGIA Virginiana. A very ornamental perennial, bearing showy pink flowers on spikes during August and September. 3 to 4 ft. Each 15c., doz. $1.50.

Virginiana alba. A pure white form of the above. Each 15c., doz. $1.50.

speciosa. Beautiful pink-flowering hardy perennial. Flowers borne on spikes during July. 2 ft. Each 15c., doz. $1.50.

PLATYCODON. See **Wahlenbergia.**

Physostegia speciosa

Oriental Poppy

POLEMONIUM cœruleum grandiflorum. Handsome border plant, with terminal spikes of sky-blue flowers. June and July. 2 ft. Each 15c., doz. $1.50.

Richardsoni. Very large, deep blue flowers in panicles. July to Sept. 2 ft. Each 15c., doz. $1.50.

POLYGONATUM commutatum. (Solomon's Seal.) White. May to June. 2 to 3 ft. A well-known and valuable plant. Each 15c., doz. $1.50.

Papaver Nudicaule

(Iceland Poppy)

A beautiful race and among the most desirable of our herbaceous plants. The plant forms tufts of Fern-like foliage, from among which the slender flower-stalks rise to about a foot in height and bear fragrant, cup-shaped flowers. They will thrive on any good garden soil. June till October. **Scarlet, White, Yellow.** Each 15c., doz. $1.50, 100 $10.00.

Papaver Orientale

(Oriental Poppy)

Orientale. The common variety of Oriental Poppy. The flowers are a bright scarlet with a black blotch at the base of each petal, and when in bloom in the Spring, they make a very brilliant display. Each 15c., doz. $1.50.

Oriental Hybrids

The following named varieties are among the best of Oriental Poppies and give quite a wide range of colors. Each 20c., doz. $2.00.

Blush Queen. A beautiful blush pink.
Fire King. Dazzling scarlet. Large flower.
Parkmani. Very deep scarlet. One of the richest.
Prosperine. A deep rich pink.
Royal Scarlet. Rich glowing scarlet.
Salmon Queen. Soft salmon scarlet.

PRIMULA auricula. The sweet-scented, yellow Swiss species, with large, handsome, smooth, silver-edged foliage. Needs protection in Winter. Each 15c., doz. $1.50.

carpatica. Dense round head of deep violet-blue flowers in Spring. Each 15c., doz. $1.50.

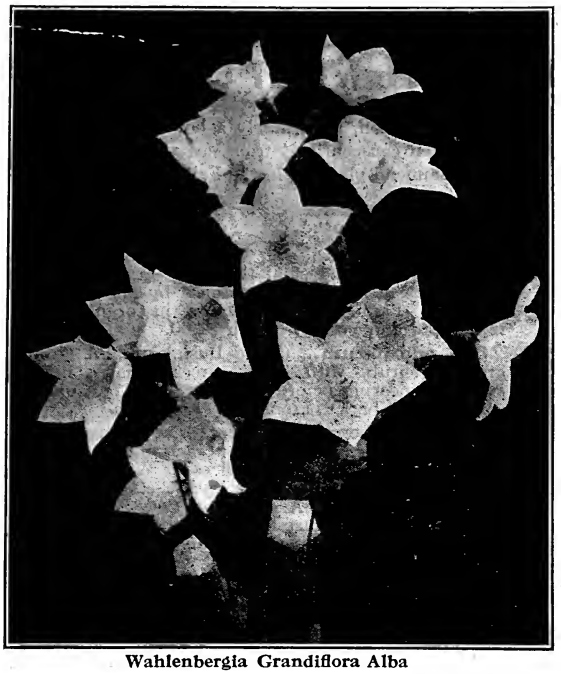
officinalis hybrida. (Cowslip.) Range in color from crimson to deep yellow and pure white. Each 15c., doz. $1.50.

veris superba. A fine variety with large yellow flowers. Each 15c., doz. $1.50.

PYRETHRUM uliginosum. A choice variety bearing a profusion of large white flowers with yellow centers. July to September. 4 to 5 ft. Each 20c., doz. $2.00.

hybridum roseum uliginosum. One of our finest Fall-flowering perennials. Very robust-growing plants, single flowers in large open panicles. August to October. 3 ft. Each 15c., doz. $1.50.

roseum hybridum fl. pl. A double form of above variety. August and October. 3 ft. Each 25c., doz. $2.50.



Wahlenbergia Grandiflora Alba

RUDBECKIA, Golden Glow. Flowers beautiful golden yellow and very double. Marvelous continuity of bloom from June till late Fall. 6 to 8 ft. Each 15c. doz. $1.25, 100 $8.00.

Newmanni. Orange-yellow flowers in large heads, with purplish-brown disk. July to frost. 2 ft. Each 15c., doz. $1.50.

SALVIA azurea grandiflora. Sky-blue flowers in great profusion. August and September. 3 to 4 ft. Each 20c., doz. $2.00.

SCABIOSA Caucasica. Pale lilac flowers about 3 inches across, which are borne continuously throughout the Summer. 2 ft. Each 15c., doz. $1.50.

Caucasica alba. A white-flowering form of preceding. Each 15c., doz. $1.50.

SEDUM spectabile. Handsome rose-colored flowers in immense heads, during late Fall. One of the best Fall perennials. Each 15c., doz. $1.50.

SHASTA DAISY. See **Chrysanthemum Leucanthemum.**

SOLIDAGO rigida. (Golden Rod.) Bright yellow. July to Oct. 3 to 4 ft. The brightest and showiest variety of the numerous species grown. Each 15c., doz. $1.50.

Solomon's Seal. See **polygonatum.**

STENANTHIUM robustum. The pure white flowers are borne on graceful compound panicles. About 3 to 5 ft. Each 35c., doz. $3.50.

STOKESIA Cyanea. (Cornflower Aster.) Very large, deep blue flowers, produced profusely from August to October. Requires a well-drained soil to succeed well. Each 15c., doz. $1.50.

Cyanea alba. Same as above only pure white. Each 20c., doz. $2.00.

SUNFLOWER. See **Helianthus.**

SWEET WILLIAM, Assorted Colors. One of the finest and best known of our old garden plants. Flowers of the most brilliant colors and borne in heads quite profusely. Each 15c., doz. $1.50.

nigricans. Dark red. Each 15c., doz. $1.50.

alba. Pure white. Each 15c., doz. $1.50.

THALICTRUM glaucum. Handsome perennials with showy yellowish-white flowers in panicles, and glaucous foliage. Each 20c., doz. $2.00.

THERMOPSIS Caroliniana. Bright yellow flowers in close terminal racemes. Fine for massing or grouping. 4 to 5 ft. June and July. Each 20c., doz. $2.00.

TRITOMA Pfitzeri. A superb variety, very free blooming. Color a rich brilliant orange. Of medium height and will bloom from Summer till Fall. Each 20c., doz. $2.00.

Uvaria grandiflora. (Common Red-Hot Poker.) Orange-red spike thrown well above the foliage. August and September. 4 to 5 ft. Each 15c., doz. $1.50.

TUNICA Saxifraga. A superb border perennial of dwarf, tufted habit. Bright pink flowers all Summer. Each 20c., doz. $2.00.

VALERIANA officinalis. The old-fashioned garden Heliotrope, with pinkish or lavender flowers, with Heliotrope fragrance. June and July. 4 ft. Each 20c., doz. $2.00.

VERONICA candida. Grayish-white foliage, with spikes of blue flowers during July and August. 2 ft. Each 15c., doz. $1.50.

spicata. Long spikes of delicate blue flowers during June, July and August. Each 15c., doz. $1.50.

spicata alba. A white form of the preceding, though not quite so tall. One of the most graceful of perennials. Each 15c., doz. $1.50.

longifolia. Pretty blue flowers in spikes during August. Each 15c., doz. $1.50.

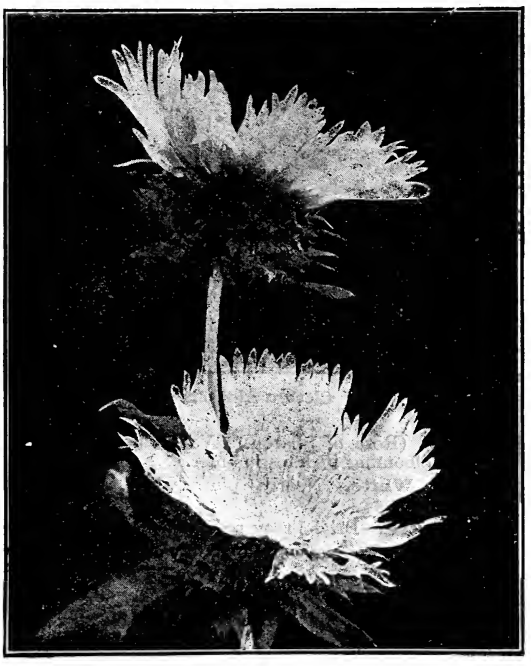
longifolia, var. **subsessilis.** Intense, lustrous blue flowers from July till Fall. Flowers in showy spikes. One of the handsomest blue-flowering perennials. Each 20c., doz. $2.00.

WAHLENBERGIA grandiflora. Pretty blue bell-shaped flowers, blooming from July to September. Sometimes classed as a Campanula. Will thrive in any good garden soil. 2½ ft. Each 20c., doz. $2.00.

grandiflora alba. A pure white form of preceding. Each 20c., doz. $2.00.

Mariesii. Dwarf Blue. Each 20c., doz. $2.00.

YUCCA filamentosa. Fragrant cup-shaped creamy-white flowers in spikes, 5 to 6 ft. long and surmounting clumps of stiff, evergreen bayonet-shaped foliage. One of our showiest and most stately perennials. Thrives best on light, sandy soil. June and July. 3 to 4 ft. Each 15c., doz. $1.50; large clumps, each 25c., doz. $2.50.



Stokesia Cyanea

Hardy Ornamental Shrubs

Shrubbery is one of the necessities of the home garden and lawn decoration, for scarcely a house is to be found without some planting of this sort. Shrubs can be selected that will bloom consecutively from early Spring until late Fall. The planting of shrubs is usually done in the Spring, but we recommend planting in the Fall as well as Spring. Ready for delivery about October 1st.

All our Shrubs are large, vigorous and well rooted.

ARALIA pentaphylla. (Five-leaved Aralia.) A graceful shrub, with arching, spiny branches and bright green, shining foliage. Excellent on rocky banks and slopes. Each 50c. and 75c.

ALMOND, Double Pink. The very double rose-colored flowers are borne in great profusion, fairly covering the branches. Blooms in May. 4 ft. high. Each 50c.

Double White. Similar to preceding, except that the flowers are pure white. Each 50c.

Clethra Alnifolia

ALTHEA. (Rose of Sharon.) Valuable on account of their blooming in late Summer.

Double White. Nearly pure white. Extra fine. Each 50c.

Double Red. Bright rosy red. Each 50c.

Variegata. Foliage handsomely variegated. Flowers double, deep purple. Each 75c.

AZALEA mollis. (Chinese Azalea.) A handsome dwarf species of especial beauty for massing and very hardy. Flowers bloom in early Spring and are unsurpassed for brilliancy of coloring. We offer here both red and yellow. Fine bushy plants with 20 to 30 buds. Each $1.00.

Pontica. (Ghent Azalea.) Unequaled for variety of color and the grandest of the early Spring flowering plants. Beautiful effects produced by massing these in beds. Large-flowering plants in orange pink, red, white and yellow. Each $1.00.

BENZOIN odoriferum. (Spice Bush.) L. A strong-growing shrub, with bright green foliage; flowers yellow, appearing before the leaves; has red, oblong, spicy berries, bark is aromatic. Each 50c.

BERBERIS. (Barberry.) Excellent for hedging. Blooms in the Summer, and the flowers are succeeded by bright-colored fruit lasting till early Winter. Specimen plants of the following. Each 50c., doz. $5.00.

vulgaris purpurea. A choice variety with purple foliage and fine for massing.

Thunbergii. Foliage drooping and turning in Fall to orange and crimson. Berries very numerous and bright red. See, also, Hedge Plants.

BRIDAL WREATH. See **Spiraea prunifolia.**

CALYCANTHUS floridus. (Carolina Allspice.) L. Fine and glossy foliage; pineapple-scented, chocolate-colored flowers all Summer; leaves dark green above and pale grayish green beneath; a favorite shrub. Each 50c.

CARYOPTERIS Mastacanthus. (Blue Spiraea.) D. One of the best Fall-blooming, low-growing shrubs, with flowers of rich lavender blue. In New England the tops are cut back by the Winter, necessary to protect with some covering. Each 50c.

CHIONANTHUS Virginica. (White Fringe.) One of the most ornamental of shrubs, producing racemes of fringe-like flowers. June. Each 50c., doz. $5.00.

CLETHRA alnifolia. (Sweet Pepper Bush.) M. Shrub with rich green foliage and spikes of fragrant yellowish-white flowers throughout the season. It thrives in shady, damp places. Each 50c.

CORNUS alba. (Siberian Dogwood.) L. Shrub with erect stem, good clean foliage and bright blood-red branches; useful for shrubberies. Each 50c.

Mas, or **mascula.** (Cornelian Cherry.) L. Handsome shrub of dense growth, with glossy foliage; very attractive in early Spring with its yellow flowers, and again in the Fall with shining scarlet fruit. Each 50c.

sanguinea, var. **elegantissima variegata.** M. One of the finest variegated shrubs; slow-growing; leaves broadly margined with white, contrasting strongly with the deep red bark. Each 75c.

sericea. (Silky Dogwood.) M. This reddish stemmed sort is a late bloomer, and its corymbs of white flowers appear about the close of June. Each 50c.

CYDONIA Japonica. (Japan Quince.) M. A shrub with spreading spiny branches. Glossy leaves; flowers are a deep scarlet, in clusters. The quince-shaped, fragrant, golden-yellow fruit remains a long time in Summer. Each 50c.

DAPHNE Cneorum. A hardy evergreen plant, forming with the closely set glossy narrow leaves a most beautiful carpet effect. Blooms from May till late Summer. Flowers are bright pink, borne in clusters and very fragrant. Each 75c.

DESMODIUM penduliflorum. (Sweet Pea Shrub.) A most magnificent shrub, being covered from first of September till frost with red pea blossom in enormous quantities. In fact, so many flowers are on the branches that they give to the plant a drooping effect which greatly enhances its beauty. Grows to a height of about 4 ft. Each 50c.

DEUTZIA crenata. (Single White Deutzia.) Showy, white, tinged pink flowers inclose spikes. Vigorous growth. Each 50c.

candidissima plena. (Double White Deutzia.) L. Similar to the above, but with pure white flowers throughout. Each 50c.

gracilis. Slender, often arching branches. Low, dense, globular habit; flowers pure white in racemes.

var. aurea. Flowers like the D. gracilis, with golden leaves. Each 50c.

Lemoinei. M. A vigorous grower and excellent for forcing; very desirable; early bloomer; panicles of pure white flowers borne on stout branches. Each 50c.

Watereri. L. A new form of D. crenata, with very double flowers, which open flat like a Rose, and are of extraordinary size. Color a fine pink. 2 to 3 ft. 50c.

DOGWOOD. See **Cornus.**

ELEAGNUS longipes. (Japanese Oleaster.) Growing 6 to 8 ft. high. Flowers bright yellow. Stems, leaves and fruit are covered with a golden scale. Blooms in July. Each 50c.

EUONYMUS Europaeus. (The European Burning Bush.) Large shrubs, quite hardy and valuable for their dark crimson fruits in Fall. Each 50c.

Americanus. (Strawberry Bush.) M. June. A slender-growing shrub, with shining foliage and deep scarlet berries. 3 ft. Each 50c.

EXOCHORDA grandiflora. (Pearl Bush.) Flowers in May. Pure white, large, star-like and in clusters. About 9 ft. high. Each 50c.

FORSYTHIA Fortunei. (Golden Bell.) One of our best early-flowering shrubs. Before any tree or shrub shows a leaf they burst into glorious masses of golden-yellow drooping flowers. Each 50c.

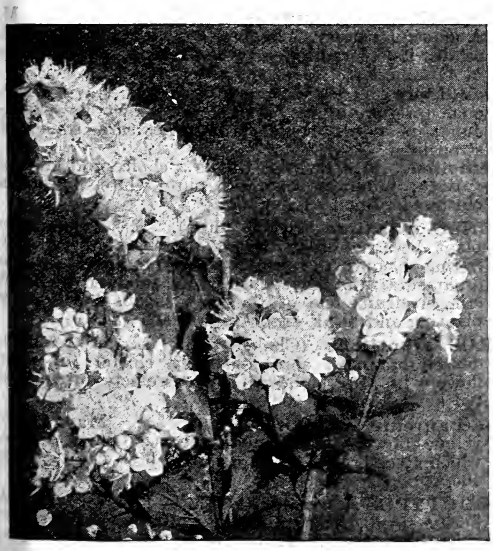
suspensa. (Weeping Golden Bell.) Long, graceful branches drooping to the ground and covered to the tips with handsome yellow trumpet-shaped flowers in April. 8 to 10 ft. Each 50c.

GOLDEN ELDER. See **Sambucus.**

HAWTHORN Oxyacantha. (Common Hawthorn.) Ss. The celebrated English hedge plant; flowers pure white, sweet-scented, followed by scarlet fruit. Each 75c.

coccinea flore pleno. (Paul's Double Scarlet Thorn.) Sm. A tree of fine habit, with rich, luxuriant foliage; flowers much larger than the double red, of a deep crimson color, with scarlet shade and very double. Each $1.00.

flore pleno. (Double White Thorn.) A very attractive variety on account of both foliage and flowers; the flowers are small, double white. Each $1.00.



Deutzia Lemoinei

Kalmia Latifolia (Laurel)

HONEYSUCKLE BUSH. See **Lonicera.**

HIBISCUS. (Althea, or Rose of Sharon.) The flowers appear in August and September when there is a scarcity of bloom in the garden.

Syriacus alba plena. L. Double white Althea. 3 ft. Each 50c.

Duchesse de Brabant. Double pink, especially fine. Each 50c.

Lady Stanley. Flowers blush white with dark center, very attractive. Each 50c.

HYDRANGEA paniculata grandiflora. The well-known Hardy Hydrangea. Flowers are borne in dense panicles, pure white when opening, but later of a purplish-rose color. Excellent for massing or single specimens on lawns. Extra selected. 3 to 5-year-old plants. Each 50c

HYDRANGEA, Tree. A very desirable form of Hydrangea, the branches starting out 3 ft. from the ground. Excellent for center plants for Hydrangea bed. Each $1.00.

HYPERICUM aureum. Dwarf shrubs. The plant, when covered with the numerous rich yellow flowers from Midsummer to Fall, presents a most beautiful aspect. Each 50c.

JAPAN QUINCE. See **Cydonia Japonica.**

JAPAN SNOWBALL. See **Viburnum plicatum.**

KALMIA latifolia. (Mountain Laurel.) We have some elegant plants of this beautiful shrub. Extra strong plants. Each $1.50, doz. $15.00.

KERRIA Japonica. One of the most satisfactory yellow-flowering shrubs we have. Blooms all Summer and in Winter its bright green branches form a marked contrast with other shrubs. Height about 4 ft. Each 50c.

Japonica fl. pl. Large double flowers, bright yellow in color. Each 50c.

Japonica variegata. Same habit as the above, with handsomely variegated leaves, making one of the best variegated plants for shrubberies and borders. Each 50c.

LAUREL, Mountain. See **Kalmia.**

LILAC, Purple. One of the oldest shrubs, but still ranks among the choicest. Too well known to need description. Each 50c.

White. A white-flowering form of the above, and just as hardy, though perhaps not so free flowering. Each 50c.

Persica. Branches slender; more drooping than other Lilacs. Flowers light purple. 5 ft. May and June. Each 50c.

Persica alba. A white-flowering form of the above. Each 50c.

Rubra de Marley. Purplish-red variety, very free flowering and often used for forcing. Each 50c.

Kerria Japonica—*See page 147*

HYBRID LILACS

We are paying particular attention to the growing of Hybrid Lilacs. The varieties we offer this season are some of the best found in the famous collection at the Arnold Arboretum, both single and double.

Single Named Lilacs

Alba grandiflora. Very large trusses of pure white flowers. 3 to 4 feet. 50c.

Charles X. Magnificent clusters of dark red flowers, produced in the grandest profusion. 2 to 3 feet. 50c., doz. $5.00.

Frau Bertha Dammann. This produces the largest cluster of white Lilacs, of the common species known in cultivation; the flowers are of the purest white. 2 to 3 feet. 50c., doz. $5.00.

Louis Van Houtte. A well-known sort, with large clusters of fine, bright red flowers. 2 to 3 feet. 50c.

Ludwig Spaeth. The clusters are very large and of splendid, dark purple-red color, not only as buds, but even when the blossoms are fully expanded. 2 to 3 feet. 50c.

Marie Le Graye. A dwarf grower, and one of the finest white varieties. 2 to 3 feet. 50c.

Rubra de Marly. Purplish red; exceedingly free flowering. 2 to 3 feet. 50c.

Double Named Lilacs

Alphonse Lavallee. Trusses like a double Hyacinth; fine, blue, shaded to violet. 3 feet. 60c.

Belle de Nancy. Large, double pink with white center. 50c.

La Tour d'Auvergne. Violet purple, large, double; excellent. 50c.

Leon Simon. Color bluish crimson; buds clear coral. 2 to 3 feet. 60c.

Mad. Casimir Perier. Large trusses of very double, creamy-white flowers. 2 to 3 feet. 75c.

Mad. Lemoine. A grand double white variety. Vigorous habit and immense foliage. 2 to 3 feet. 75c.

Michel Buchner. Plant dwarf, bearing at the top of all the branches. Pale lilac throughout, in half-opened blossoms, and also in the bud state. 2 to 3 feet. 75c.

President Grevy. Petals of a cobalt-blue, with the centers more brilliant and the edges rosy. The buds are of a violet hue. 2 to 3 feet. 60c.

President Carnot. Flower delicate tint of pale lilac, marked with white in the center. Season of flowering very late. 2 feet. 75c.

Senator Volland. Dwarf, very brilliant; buds Fuchsia-red; open flowers Rose-red. 2 feet. 75c.

Lonicera (Bush Honeysuckle)

LONICERA Alberti, or **hispida** (Siberian Honeysuckle). Branches slender and drooping; foliage narrow and of a bluish color. Blooms in July, the flowers being on slender, erect peduncles, rosy pink and exceedingly fragrant. Each 75c.

fragrantissima (Chinese Fragrant Bush Honeysuckle). M. An absolutely hardy variety, of strong growth, but rather straggling habit. Produces pinkish flowers in early Spring, which are very fragrant. Each 50c.

Morrowii (Japanese Bush Honeysuckle). M. A shrub with wide-spreading branches; leaves dark green above and grayish beneath; pure white flowers in May and June, followed by bright red fruits, ripening in August, and lasting until late in the Fall. Very decorative. Each 50c.

Tatarica (Tartarian Honeysuckle). L. Bears a profusion of pink flowers in June, which contrast well with the foliage. Each 50c.

Tatarica, var. **alba.** L. Similar to the Tatarica, but with large, pure white flowers and crimson fruit. Each 50c.

MAGNOLIA glauca (Sweet Bay). Ss. Irregular in habit; foliage thick, glossy, deep green. It blossoms in June; flowers white and sweet scented. Each $2.50.

conspicua (Chinese White, of Yulan Magnolia). Ss. A low tree, with spreading branches; flowers large, pure white, and opening in April before the leaves appear. One of the most showy species. Each $2.50.

Lennei (Lenne's Magnolia). Sm. A fine variety; strong grower. Produces dark purple, cup-shaped flowers in April. Each $2.50.

Soulangeana (Soulange's Magnolia). Ds. Small tree or large shrub. One of the hardiest and most popular of the foreign Magnolias. Blossoms in April; flowers white inside, outside petals pink. Foliage dense and glossy. Superb. Each $2.50.

stellata, syn. **Halliana** (Hall's Japan Magnolia). Ds. Dwarf habit; spreading branches. Blooms earlier than other Magnolias, producing double, pure white fragrant flowers, the petals of which are long and narrow. Very desirable. Each $2.50.

MOUNTAIN LAUREL. See **Kalmia.**

PHILADELPHUS coronarius (Mock Orange). M. Shrub with upright branches; the pure white, fragrant flowers are produced in clusters in June; foliage dark green. Each 50c.

coronarius, var. **aureus** (Golden Syringa). M. A graceful variety, with bright yellow foliage, which retains its color throughout the season; very effective in shrubberies. Each 50c.

grandiflorus (Large-flowered Syringa). L. A vigorous, upright variety, with large, showy flowers in June; it grows rapidly; branches are somewhat straggling. Each 50c.

Lemoinei. M. Hybrid; this is a choice and graceful variety; produces fragrant, pure white flowers in clusters in June. Each 50c.

PRUNUS maritima (Beach Plum). S. A handsome plant because of the great profusion of its early Spring bloom; the fruits when produced are also ornamental; the flowers are white, followed by bright crimson fruit; one of the best shrubs for seashore planting and bleak exposures. Each 75c.

PYRUS arbutifolia (Chokeberry). L. A beautiful, densely-branched shrub, bearing clusters of white flowers in May, followed by extremely ornamental red berries. Each 50c.

RIBES aureum (Missouri Currant). M. May. Early yellow flowers in showy racemes. Glossy foliage, which gives bright Autumn tints. 3 to 4 feet. Each 40c.

RHODOTYPUS kerrioides (White Kerria). M. A bushy shrub, bearing snowy-white flowers in May; shiny black seeds. Thrives in all soils. From Japan. Each 50c.

RHUS (or **Sumach**) **aromatic** (Fragrant Sumach). Small yellow flowers in clusters or short spikes appear before the leaves. In Autumn the foliage turns to a dark crimson. Each 50c.

copallina (Shining Sumach). Beautiful foliage of lustrous green in Summer, changing to rich crimson in Autumn. Produces heads of greenish-yellow flowers in August. Each 50c.

Cotinus (Purple Fringe, or Smoke Tree). The large masses of misty, purplish flowers which this bears in June give it the name of Smoke Bush. The leaves change to varying colors in Fall. Each 50c.

glabra (Smooth Sumach). June. Excellent foliage, topped in Autumn with prominent crimson beads of seed. 4 to 5 feet. Each 50c.

var. laciniata (Cut-leaf Sumach). An ornamental variety similar to glabra, its leaves deeply cut. Each 50c.

ROSE OF SHARON. See **Althea.**

RUBUS odorata (Flowering Raspberry). M. All Summer. A noble plant, with leaves 6 to 12 inches broad, and pink-purple blossoms 2 inches across, in clusters, which continue to bloom all Summer. Very fragrant. One of the most useful plants for partially shaded places, for rustic planting, or for groups. Each 35c.

SAMBUCUS Canadensis (Common Elder). L. A well-known native shrub with light green foliage. Flat heads of white flowers in June and July, followed by reddish-purple berries in Autumn. Very hardy. Each 35c.

var. aurea (Golden Elder). L. Vigorous spreading habit. Distinct by reason of its yellow foliage. Requires full sun, when it is one of the best of the yellow shrubs. Each 50c.

SMOKE TREE. See **Rhus Cotinus.**

SNOWBALL. See **Viburnum.**

HARDY RHODODENDRONS

This well-known class of Hardy Plants attract endless attention during their flowering period, with their broad, dark green foliage, and their great trusses of gorgeous tinted flowers, varying from pure white to intense crimson. It is important and profitable to the buyer to use only tested varieties and those grown upon hardy stock, even at a little higher cost. In preparing a bed for Rhododendrons, locate it, if possible, in a spot partially sheltered from intense heat in Summer and from the cutting winds in Winter. The latter can be artificially met by using evergreen boughs as a Winter covering. The best soil for Rhododendrons consists of sods, well rotted manure, sand and a large amount of leafmold, well mixed for retaining moisture to protect from Summer droughts. Heavy mulching or covering of beds in Summer is an excellent preventive, and in dry weather the beds must be thoroughly soaked. Pinch off all seed pods after flowering, in order to get good buds for next season. In the Fall, mulch the beds a foot or more with leaves, and if these can be left to decay, it is advisable to do so.

Rhododendron maximum (Great Bay). July. This is the noblest of all our native shrubs, and is absolutely hardy from Vermont to Georgia. It has the most beautiful foliage of any kind of Rhododendron, it being about twice as large as that of other sorts, and very thick and smooth. Forms a round, broad bush from 6 to 15 feet tall. Flowers pink and white.

Maximum, Native Variety.	Each	Doz.
2 to 3 feet, bushy	$2.00	$20.00
3 to 4 feet, bushy	2.50	25.00
4 to 5 feet, bushy	4.00	40.00
5 to 6 feet, bushy	5.00	50.00

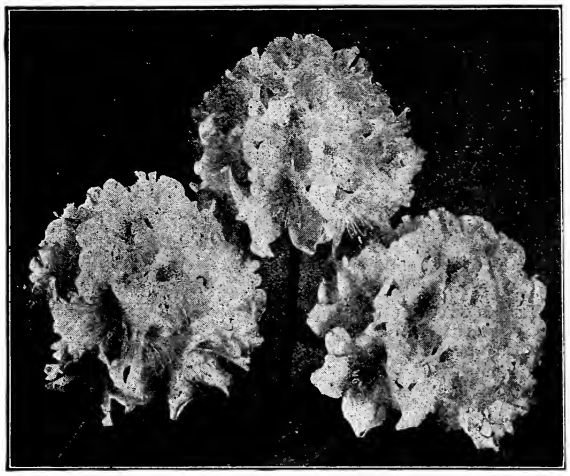
By the carload, prices on application.

Catawbiense. June. This is a native, close-growing form with handsome foliage and large trusses of deep rose flowers. A splendid variety to group with the high-colored forms as its foliage effect can be depended upon.

Extra fine, bushy plants.	Each	Doz.
24 to 30 inches, bushy	$1.50	$15.00
30 to 36 inches, bushy	2.00	20.00
36 to 48 inches, bushy	3.00	30.00

Catawbiense grandiflora. The foliage effect is similar to the preceding, but of darker, richer green. Flowers deep rosy purple, borne in great profusion. 2 feet, each $2.00, doz. $20.00; 2½ feet, each $2.50, doz. $25.00; 3 ft., each $3.50, doz. $35.00.

Catawbiense alba. Same as preceding, but with pure white flowers. 18 to 24 inches. $1.50.



Rhododendron Catawbiense alba

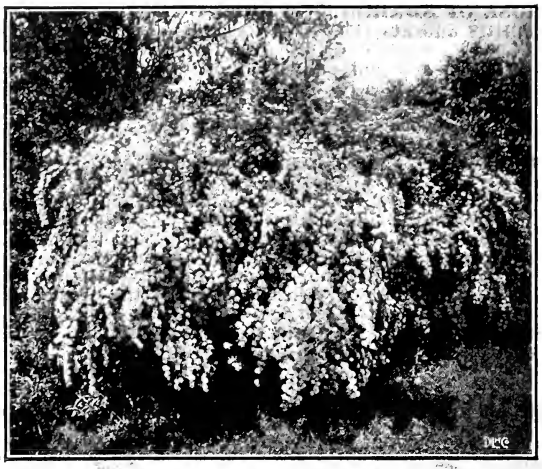
Imported Hardy Hybrids

A superb assortment of the choicest imported varieties, with fine range of color. The plants we offer have made splendid growth the past season and cannot be excelled.

	Each	Doz.
18-inch plants	$1.50	$17.00
24-inch plants	2.50	25.00
30-inch plants	3.50	35.00

Large specimens, 4-6 ft., well budded, $5.00 to $10.00 ea.

Abraham Lincoln. Rosy crimson.
Album elegans. Blush, changing to white.
Atrosanguineum. Intense blood red.
Boule de Neige. Pure white; very hardy.
Caractacus. Rich purplish crimson.
Charles Bagley. Cerise pink.
Charles Dickens. Dark scarlet.
Delicatissimum. Blush white, edged pink.
Everestianum. Rosy lilac, spotted red.
General Grant. Crimson pink.
Giganteum. Bright rose.
Gloriosum. White; bold flowers and good foliage.
H. H. Hunnewell. Dark crimson.
John Spencer. Clear violet rose.
Lady Armstrong. Pale rose, beautifully spotted.
Lady Clermont. Red, shaded crimson.
Mrs. Milner. Rich crimson.
Parsons' gloriosum. Pale lavender.
Parsons' grandiflorum. Bright carmine.
President Lincoln. Reddish purple.
Roseum elegans. Vivid rose; beautiful.



Spiræa Van Houttei

SPIRÆA Anthony Waterer. Flowers scarlet crimson, blooming profusely from June to October. Strong plants. Each 50c.

opulifolia aurea (Golden Spiræa). M. One of the best of our yellow-leaved shrubs. Golden yellow all Summer. 2½ to 3 feet. Each 35c., 10 $2.50, 100 $20.00.

prunifolia (Bridal Wreath). One of the best and earliest blooming shrubs. Flowers double, white and very abundant along the stem. May. 6 to 7 feet. Each 50c.

Van Houttei (Van Houtte's Spiræa or Large Bridal Wreath). M. June. The finest and most satisfactory of all Spiræas, either singly or among other shrubs. It forms a round and graceful bush with arching branches, which in June are set from end to end with the beautiful white blossoms. A shrub which cannot be overlooked.

Thunbergii (Thunberg's Spiræa). D. April and May. Low growing, rounded form, delicate, drooping, yellowish green, lanceolate foliage, which takes and retains late the most lovely tints in Autumn. Small, abundant white flowers in May.

STEPHANANDRA flexuosa. M. One of the finest Japanese shrubs; of graceful habit and spreading, drooping branches; handsome, deeply cut foliage; in June pure white flowers appear in panicled racemes; valuable for shrubberies or rocky banks. Each 50c.

SYMPHORICARPUS racemosus (Snowberry). M. Smooth shrub, with slender branches, usually bending under their load of white, waxy berries, which appear in Autumn; the flowers are rose colored, in loose racemes in July and August. Each 50c.

SYRINGA. See **Philadelphus,** also **Lilac.**

WEIGELA candida. One of the best. Flowers pure white, borne in profusion at intervals throughout the Summer and Autumn. 5 to 6 feet. Each 50c.

Eva Rathke. An erect, free-flowering Weigela; flowers brilliant crimson, a beautiful, distinct, clear shade. Each 50c.

rosea (Rose-colored Weigela). From China. Erect, compact growth. One of the finest. Has rose-colored flowers in June. Each 50c.

floribunda. Profuse bloomer; flowers are dark red. A fine variety. Each 50c.

variegata. A dwarf form with variegated leaves. Flowers deep rose. Each 50c.

VIBURNUM acerifolium (Dockmackie). Maple-like foliage, with pure white flowers in flat heads and showy clusters of purple-crimson berries. Good in shady places. May and June. Each 50c.

cassinoides. Flat heads of white flowers and effective foliage. Bears black berries in clusters. June. Each 50c.

dentatum (Arrow Wood). Glossy, handsome leaves, white flowers and fine steel-blue berries in Fall. June. Each 50c.

Lantana (Wayfaring Tree). Very bushy, large foliage, noteworthy for its silvery underlining; ornamental, red, then black fruit in Fall. Each 50c.

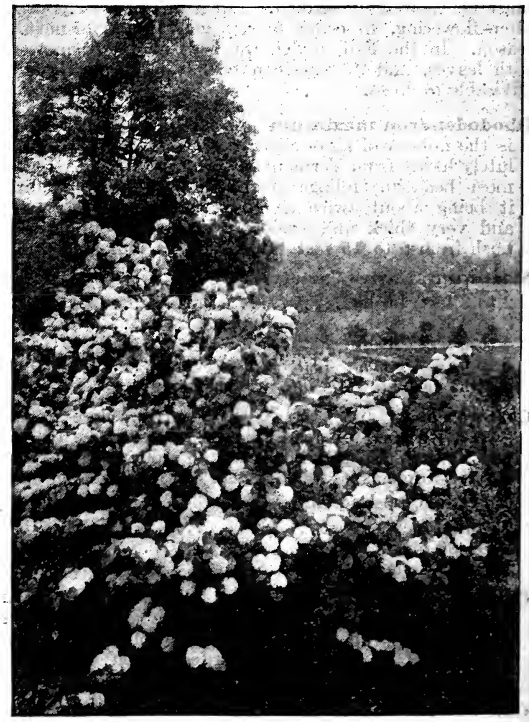
Opulus (High-bush Cranberry). L. One of the best shrubs for general planting. It has red berries resembling Cranberries, which remain until early Winter. Its foliage is large and healthy and seldom attacked by insects. Each 50c.

sterilis (Common Snowball). L. A well-known shrub of large size, producing large, Snowball-like flowers in May. Each 50c.

plicatum (Japan Snowball). M. A native of North China. It has handsome plicated leaves; globular heads of pure white flowers in June. It surpasses the common Snowball in many respects. Each 50c. and 75c.

tomentosum (Single Japan Snowball). M. Foliage resembles the Japan Snowball; flowers white, in flat racemes and in great profusion. It is perfectly hardy, vigorous and free blooming. Each 50c.

WHITE FRINGE TREE (Chionanthus Virginica). A large shrub or small tree, with large, heavy leaves almost hidden in Spring by a thick mist of fragrant white, drooping flowers. One of the choicest shrubs for a lawn ornament. Each $1.00.



Japan Snowball

Vines
Hardy Climbing

Delivery in October

ACTINIDIA arguta. A strong-growing Japanese vine with rather large leaves; flowers white with purple center. Each 50c.

AKEBIA quinata. Very graceful, handsome, hardy, fine foliage, purple flowers and ornamental fruit. Each 50c.

AMPELOPSIS quinquefolia. (Common Woodbine, or Virginia Creeper.) A vigorous high-climbing vine of rapid growth, foliage rich crimson in Autumn. Each 25c., doz. $2.50.

AMPELOPSIS Veitchii. (Japan, or Boston Ivy.) A hardy and very useful climber, clinging firmly and covering walls densely; the green foliage turns to a brilliant orange and scarlet in the Fall. Each 50c., doz. $5.00.

ARISTOLOCHIA Sipho. (Dutchman's Pipe.) A native species of climbing habit and rapid growth; magnificant, very large green foliage; brownish pipe-shaped flowers. Each 75c.

CELASTRUS scandens. (Bitter Sweet, or Roxbury Waxwork.) A native climber with glossy leaves; fruit orange and crimson, in clusters, hanging on vine all Winter. Each 50c.

Clematis.
Virgin's Bower

Coccinea. Brilliant scarlet, bell-shaped flowers, blooming profusely. Each 50c.

CLEMATIS INA. The flowers are 2 in. in diameter, nicely poised on long, stiff branching stems and having from 25 to 50 sweet-scented, beautiful flowers on each stem. Two stems are produced at each joint and the joints are from 4 to 5 in. apart. The blossoms are white, shaded to a delicate lavender blue on the edges and on the tips of the petals and are produced in marvelous profusion. Extra strong plants, each 75c.

paniculata. This is the most common of all the Fall-blooming climbers; is best suited to sunny situation; luxuriant grower and profuse bloomer of medium size; flowers pure white and fragrant, perfectly hardy; the most desirable and useful of climbers. Each 35c., doz. $3.50. Large size, each 50c., doz. $5.00. **Monster Roots,** each 75c., doz. $8.00.

Virginiana. (American White Clematis.) A native of rapid growth; white flowers in August. Each 35c.

Duchess of Edinburgh. Flowers double, white and sweet scented. Each 50c.

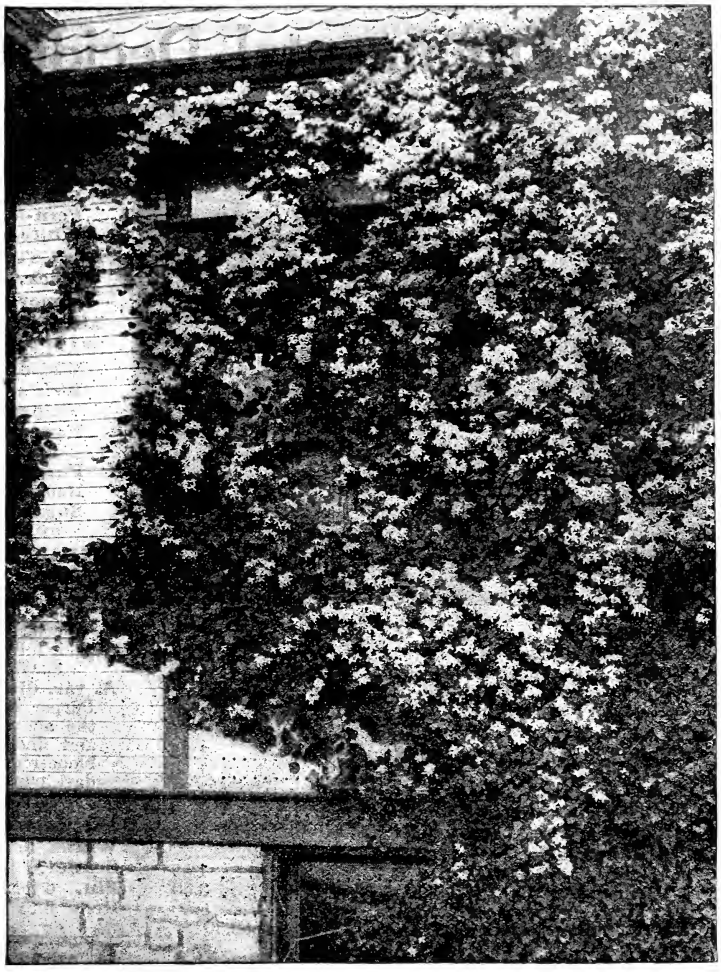
Henryi. Robust plant, free bloomer, creamy-white flowers. Each 50c.

Jackmanni. Velvety purple with ribbed bar down the center. Each 50c.

Madam Baron Veillard. Resembles Jackmanni, only the flowers are a more unique shade of soft pink. Each 50c.

HONEYSUCKLE Lonicera Japonica. (Chinese Evergreen Honeysuckle.) Very fragrant, yellow and cream-colored flowers; dark green foliage. Each 50c.

Lonicera Brachypoda, var. **Halleana.** (Hall's Evergreen Honeysuckle.) Vigorous grower; fragrant yellow and white flowers from Midsummer until frost. Each 50c.



Clematis Paniculata

HONEYSUCKLE—Continued.

Lonicera flexuosa, var. **aureo-reticulata.** (Golden-variegated Honeysuckle.) Leaves variegated gold and green. Each 35c.

Lonicera Periclymenum, var. **Belgicum.** (Belgian, or Dutch Monthly Honeysuckle.) Blooms all Summer; red and yellow, very fragrant flowers. Each 50c.

KUDZU VINE. An extremely fast-growing vine, with immense leaves and bearing small racemes of rosy-purple, Pea-shaped flowers toward the close of August. Each 50c., doz. $5.00.

PERIPLOCA. (Silk Vine.) A fast-growing, twining vine; dark green leaves and small purple flowers. Each 35c.

SCHIZOPHRAGMA hydrangeoides. (Climbing Hydrangea.) August. Bears large, flat heads of pinkish-white flowers. A rare and desirable plant where a low climber is needed. Each 50c., $4.00 for 10.

TECOMA radicans. (Bignonia Trumpet Vine.) A hardy, high-climbing plant with large scarlet, trumpet-shaped flowers. Each 40c.

WISTARIA Chinensis. (Chinese Wistaria.) A hardy, tall-growing climber with pale green foliage and foot long clusters of purplish, Pea-shaped flowers. Blooms in May. Each 75c.

WISTARIA alba. White-flowering variety of above. Each $1.00.

WISTARIA multijuga. (From Japan.) Longer and looser racemes and smaller, dark blue flowers. Each 75c

Ornamental Deciduous Trees

ASH (Fraxinus)—
American White. 8 to 10 ft. $1.00
English. Excellent for street use. 8 to 10 ft. 1.00
Aucuba-leaved. Gold-blotched leaves 1.00
American Mountain. 5 to 6 ft. $1.00, 6 to 8 ft. .. 1.50

BIRCH (Betula)—
Canoe (B. Papyrifera). 8 ft. $1.00, 10 ft. 1.25
Cut-leaved Weeping. 6 to 8 ft. 1.50
Sweet or **Black.** 8 ft. 1.25
Yellow Birch. 8 to 10 ft. 1.25
American White Birch. 6 to 8 ft., $1.00, 8-10 ft. 1.50

BEECH (Fagus)—
American. 3 to 4 ft. 1.50
Fern-leaved. 3 to 4 ft. $3.00, 5 ft. 3.50
Weeping. 5 to 6 ft. 3.50
Rivers' Purple Beech. 4 to 5 ft. $1.50, 6-7 ft. $2.50

CATALPA (Indian Bean)—
Bungei. Dwarf habit 1.50
Speciosa. 6 to 8 ft. 1.00

CYPRESS (Taxodium)—
Deciduous, or Bald. 4 to 5 ft. 1.00

ELM (Ulmus)—
American Elm. 6 to 7 ft. 75c., 9 to 10 ft. 1.25
English. 7 to 8 ft. 1.00

HORSE-CHESTNUT (Aesculus)—
European, or White-flowering. 6 to 7 ft. $1.00, 8 ft. 1.25
Double White-flowered. 5 to 7 ft. 1.25
Red-flowered. 5 to 6 ft. 2.00

SWEET CHESTNUT (Castanea)—
American. 5 to 6 ft. 75c., 8 ft. 1.00

CHERRY—
Cerasus Japonica rosea. An upright form of the double rose-flowering Cherry from Japan. The large flowers are double and tinted with exquisite shades of rose. 4 to 5 ft. 1.00

CORNUS—
florida (White-flowering Dogwood). American variety of irregular habit with spreading, open top, growing about 25 ft. high. The flowers are white, produced in May, followed by scarlet berries. 3 to 4 ft. 60c., 4 to 5 ft. .. 1.00
rubra (Red-flowering Dogwood). The flowers are like Cornus florida, except that they are a deep rose color, freely produced. 3 to 4 ft. . 1.00

LARCH (Larix)—
Americana (Hachmatack). 4 to 5 ft. $1.00

LINDEN (Tilia)—
Americana (Linden, or Basswood). 8 to 10 ft. 1.25
Europaea (Lime). 7 to 8 ft. 1.25
Fern-leaved. 8 ft. 1.25
White, or Silver. 7 to 8 ft. 1.25

LOCUST (Robinia)—
Black. 6 to 8 ft. 1.00
Honey. 5 ft. 2.00

MAGNOLIA, see Shrubs.

MAPLE (Acer)—
White, or Silver-leaved. 8 to 10 ft. 1.00
Weir's Cut-leaved Silver. 8 to 10 ft. 1.25
Striped-barked. 5 to 7 ft. 1.00
Norway. 6 to 8 ft. $1.00, 8 to 10 ft. $1.50, 10 to 12 ft. 2.00
Purple-leaved Sycamore. 8 to 10 ft. 1.50
Red, or Scarlet Maple. 8 to 10 ft. 1.50
Sugar, or Rock Maple. 8 to 10 ft. $1.25, 10 to 12 ft. 1.50

JAPANESE MAPLES—
Acer polymorphum atropurpureum (Blood-leaved Japan Maple). The most popular of all kinds, with beautiful foliage of blood-red color. Is particularly fine when its foliage is fully expanded in early Spring. **2 to 2½ ft.** $2.00, 3 ft., bushy 2.50
A. var. dissectum atropurpureum (Cut-leaved Purple Japanese Maple). Similar in habit to the above. Branchlets crimson; leaves deeply and finely cut into shred-like divisions, of a blood-red color when young, changing to a deep, dark purple. A choice and ornamental variety. 2½ ft. 3.00

OAK (Quercus)—
White. 5 to 7 ft. 1.50
Scarlet. 4 ft. 75c., 7 ft. 1.00
Pin. 6 ft. 1.00
Red. 6 to 7 ft. $1.00, 7 to 8 ft. 1.25

Cornus florida. Native Dogwood

	Each
PLANE, Oriental. Excellent for street planting. 8 to 10 ft.	$1.25
POPLAR (Populus)—	
White, or **Silver.** 6 to 8 ft. $1.00, 8 to 10 ft.	1.50
Carolina, or **Cottonwood.** 8 to 10 ft. 75c., 10 to 12 ft.	1.00
Golden Poplar. 6 to 8 ft.	.75
Lombardy. 8 to 10 ft. 75c., 10 to 12 ft.	1.00
TULIP TREE (Liriodendron)—	
Tulipifera. 5 to 6 ft. $1.00, 6 to 8 ft.	1.50
WALNUT (Juglans)—	
Butternut. 5 to 6 ft. 75c., 6 to 8 ft.	1.00
Black Walnut. 6 to 7 ft. $1.00, 8 ft.	1.50
WILLOW (Salix)—	
Common White. 5 to 6 ft. 50c., 8 ft. 75c., 8 to 10 ft.	1.00
Babylonian, or **Weeping Willow.** 7 to 8 ft.	1.00
Thurlow's. 7 to 9 ft.	1.00

For Planting at the Seashore

Deciduous Shrubs

Baccharis halimifolia
Berberis Canadensis
Berberis Thunbergii
Clethra alnifolia
Cornus sericea
Dirca palmatris
Genista scoparia
Genista tinctoria
Hippophaea rhamnoides
Hypericum kalmianum
Itea Virginica
Ligustrum vulgare
Lycium barbarum
Lycium paniculata

Deciduous Trees

Acer Ginnale
Amelanchier botryapium
Betula alba
Celtis occidentalis
Crataegus coccinea
Crataegus cordata
Crataegus Crus-galli
Crataegus oxyacantha
Gleditschia triacantha
Platanus occidentalis
Populus alba
Populus monolifera
Populus Bolleana
Prunus maritima
Prunus pumila
Robinia Pseudacacia
Ptelia trifoliata, or **Hop-tree**
Willow (Laurel-leaved)
Willow (White)
Willow (Golden-barked)

HEDGE PLANTS

	Doz.	100
ARBORVITÆ, American. 2 to 2½ ft.	$3.75	$25.00
2½ to 3 ft.	4.50	35.00
BUCKTHORN, Common. 2 to 3 ft.	2.00	10.00
HAWTHORN, Common. 5 to 6 ft.	4.50	35.00
HEMLOCK. 2½ to 3 ft.	12.00	
JAPANESE QUINCE (Cydonia). 2 to 2½ ft.	1.50	12.00

California Privet

The most popular of all ornamental hedge plants. Its foliage is a rich, dark green and is nearly evergreen, remaining on plant till late in the Winter. It succeeds under the most adverse conditions. To form a dense hedge plant from 10 to 12 in. apart and prune well back for the first two seasons.

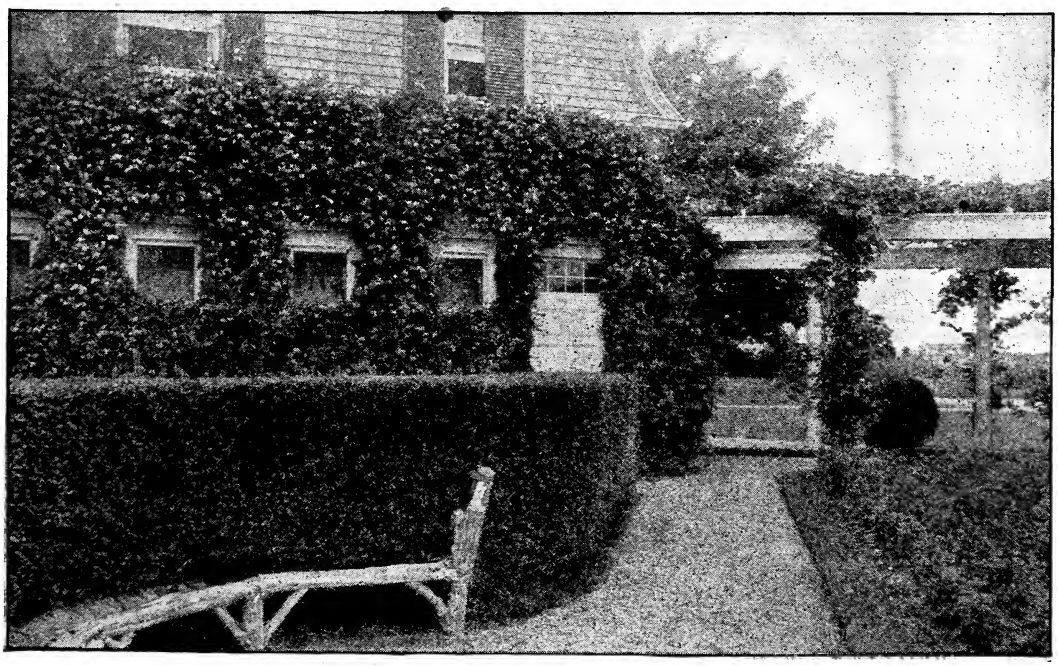
	Doz.	100
1½ to 2 ft.	$1.00	$6.00
2 to 3 ft.	1.50	8.00
3 to 4 ft.	2.50	12.00
PRIVET, Ibota, or **Japanese.**		
2 to 3 ft.		15.00
3 to 4 ft.		20.00

	Doz.	100
LILAC, Common. 2½ to 3 ft.	$1.50	$12.00
3 to 4 ft.	3.00	20.00
SPIRÆA Thunbergii. 1½ to 2 ft.	2.00	12.00
Van Houttei. 2 to 3 ft.	2.50	18.00
SPRUCE, White. 18 to 24 inches.	2.50	20.00
WILLOW, Laurel-leaved. 3 to 4 ft.	2.50	15.00

Barberry—Berberis

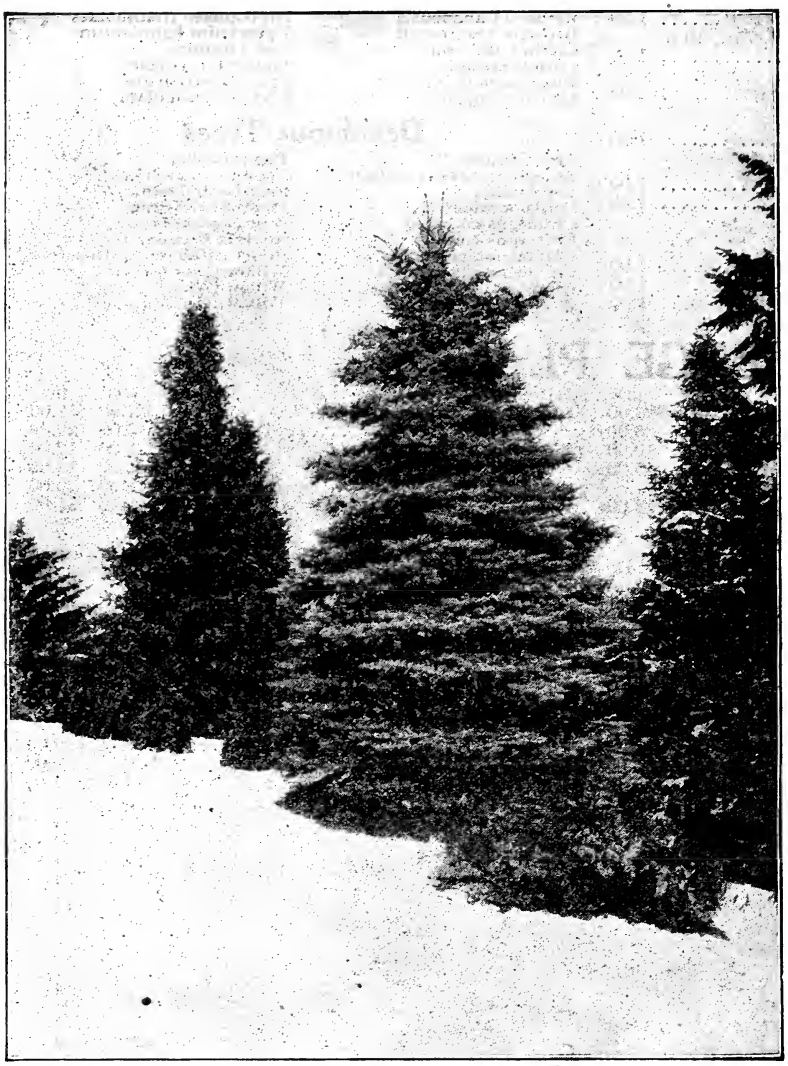
Berberis Thunbergii (Thunberg's Japanese Barberry). A species from Japan, with round, drooping habit; leaves of a fine, brilliant green in Summer, taking on, from early Autumn till December, the most glowing colors. After the leaves fall, the branches are seen to be loaded with scarlet-crimson berries. It is the very best of all plants to form a hedge, being impenetrable and thickly set with spines, and never growing bare.

	Doz.	100
BARBERRY, Japanese, or **Thunbergii.**		
1½ to 2 ft.	$2.00	$15.00
2 to 2½ ft.	3.00	23.00
2½ to 3 ft.	4.50	35.00



Hedge of California Privet

Evergreens



ARBORVITAE (Thuya). These highly ornamental trees, though many are of upright habit, do not grow to great heights, and are very appropriate for small lawns as well as large areas. Their clean, neat, compact appearance, and the soft, Fern-like foliage, in many cases so brightly colored, make them useful in grouping and for lawn specimens.

American. 3 ft. 75c., 4 ft. $1.00
Peabody's Golden. Dwarf golden variety. 2 ft. 75c., 3 ft. 1.50
globosa. (Globe-headed.) 12 in. 75c., 18 in. 1.00
Hoveyii. Golden-green foliage. 18 in. 75c., 2 ft. ... 1.25
Pyramidal. 2 ft. 75c., 3 ft. 1.00
Sibirica. Bluish green. 18 in. 75c., 2 ft. 1.00

FIR (Abies). Very hardy, quick-growing evergreens, that are useful in producing natural and wooded effects, as well as in the more attractive decoration of parks and lawns. They mature rapidly and on this account are valuable for planting in connection with slow-growing trees, because they give the prompt effect and are ready to give place to the slow-growing permanent trees when they mature. The soft, deep green needles of most varieties are fragrant with balsamic odors. Much used for grouping, specimens, windbreaks and hedges.

Balsam. 2 to 3 ft. 75c., 4 to 5 ft. $1.50
Nordmann's Silver. 1½ ft. to 2 ft. 1.50
Veitchii (Veitch's Silver Fir). ..... $2.00 and 3.00

RETINISPORA. This group is unusually attractive because of the remarkable brightness, delicacy and variety shown in its foliage tints, and because of the pleasing feathery effect of some varieties, affording a very desirable contrast in groups of evergreens. They are vigorous growers that thrive in most soils. Their coloring is constant and attractive at all seasons. Individual specimens may be grown to splendid proportions, and are at all times artistic ornaments to the lawn.

aurea (Golden Thread-branched Cypress) $2.50
gracilis. Dwarf and very bushy. 2½ ft. 2.50
3 ft. 3.50
plumosa (Plume-like Japanese Cypress). 2 ft. .. 1.50
3 ft. 2.50
4 ft. 3.50
5 ft. 4.50
plumosa aurea. Brilliantly golden throughout the season. 2 ft. 1.50
3 ft. 2.50
4 ft. 3.50
5 ft. 4.50

CEDRUS—
Atlantica Glauca. Delicate steel-blue tint, equal to finest Colorado Blue Spruce. 2 ft. $2.00

JUNIPER (Juniperus). A group remarkable for the varied form it embraces. Trees of medium height down to the smallest dwarfs are included here. The different green, yellow and silvery hues characterize the foliage. Junipers possess remarkable vigor and thrive in bleak and barren situations in poor, stony soils, in low, damp ground, at the seashore and almost everywhere.

Common Spreading $1.00
communis aurea (Douglas Golden). 1½ ft. .. 1.00
Hibernica robusta (Irish Juniper). Pyramidal form. 3 ft. 1.00
Virginiana (Red Cedar). 2 ft. 50c., 4 ft. 1.00
Virginiana glauca (Silvery Red Cedar). 3 ft. $2.50, 4 ft. 3.50
Weeping Red Cedar ..... $2.00 and 3.00

EVERGREENS—Continued

PINE (Pinus). The old reliable evergreens, some of which should be included in every ornamental planting. They are very fast growing. In groups, shelter belts or as tall screens their value is highly appreciated.

Austrian, or **Black.** 2 to 3 ft. $1.00
Dwarf Mugho. 1½ to 2 ft. 1.00
Red. 3 ft. 1.00
Pitch. 3 ft. 1.00
Strobus (White Pine). 3 ft. 75c., 4 ft. $1.00, 5 to 6 ft. 2.00
Sylvestris (Scotch Pine). 3 to 4 ft. 1.00

SPRUCE (Picea). Probably better known and more largely planted then any other family of evergreens. The Spruces are hardy and of rapid growth, being reliable in almost any location. They make excellent trees when planted individually.

alba (White Spruce). 2 to 3 ft. $1.00, 4 ft. $1.50
nigra (Black Spruce). 2 to 3 ft. $1.00, 4 ft. 1.50
Colorado Blue. 2 ft. $2.50, 3 ft. $3.50, 4 ft. extra 5.00
Extra selected specimens ..... $5.00 to 15.00
Kosteriana (Koster's Blue Spruce). Richer blue than Colorado. 2 ft. $3.50, 3 ft. $5.00-$6.00, 4 ft. ..... $8.00 to $10.00
Hemlock. (Canadensis). 3 ft. 75c., 4 ft. 1.25
Norway. 2 to 3 ft. 75c., 3 to 4 ft. 1.00
conica. Dwarf habit, compact. 18 in. $1.50, 2 ft. 2.50
Ellwangeri. Excellent dwarf form 2.00

Koster Blue Spruce

BUXUS SEMPERVIRENS

Dwarf Box for Hedges

	Doz.	100
3 to 4 in.	$0.60	$4.00
4 to 5 in.	1.00	5.00
5 to 6 in.	1.50	10.00

Pyramidal Box Tree

BUXUS. Boxwood

An Evergreen shrub, with close-growing oval, dark, shining foliage. Stands pruning very well; thrives in almost any well-drained soil, and best in a partially shaded position.

Buxus, Pyramidal Form. Fine specimens, closely trimmed. Highly desirable for placing in tubs or planting in formal positions in the garden.

	Each	Pair
2½ ft.	$3.00	$5.75
3 ft.	3.50	6.75
3½ ft.	4.00	7.75
4 ft.	6.50	12.75
4½ ft.	8.00	15.75
Globe or **Ball on short standard**	8.00	15.75

Globe, or **Ball-shaped.** Useful for window-boxes or bordering walks and shrub planting.

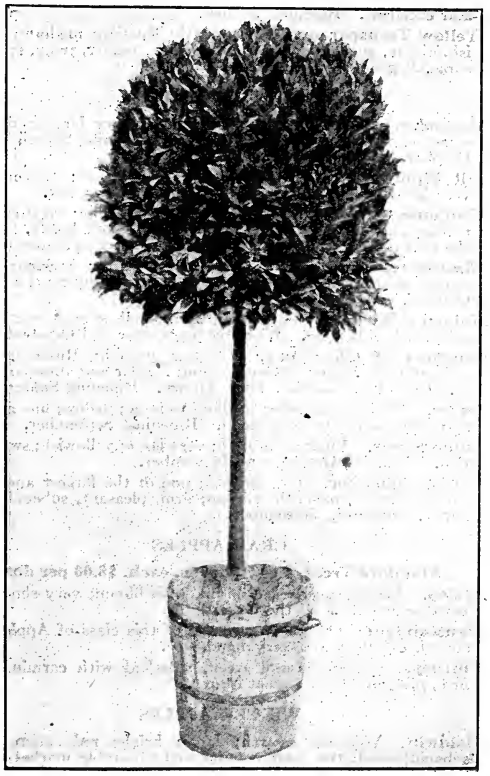
	Each	Pair
1½ ft.	$4.00	$7.75
1¾ ft.	6.00	11.75
2 ft.	8.00	15.75

Above prices include tubs.

BAY TREES

Standard, or **Pyramidal Shape.**

STANDARD BAY TREES	Each	Pair
32-in. stem, 26-in. crown	$8.00	$15.00
42-in. stem, 30-in. crown	10.00	18.00
42-in. stem, 36-in. crown	15.00	28.00
PYRAMIDAL BAY TREES		
5 ft. in height	7.50	14.00
6 ft. in height	10.00	18.00
7 ft. in height	15.00	28.00



Bay Tree, Standard

FRUIT TREES

Apples

The following list of Apples embraces varieties which have been tested, and can be recommended as the very best for general cultivation. Most all Apples are furnished in standard sizes; occasionally calls are made for dwarf trees, which can be supplied.

Standard Trees, 5 to 7 ft. 50c. each, $5.00 per doz.

Dwarf Trees on Paradise Stock, 2 to 3 ft., 75c. each, $8.00 per doz. These are useful for small gardens; usually bear third year after planting.

SUMMER APPLES—Ripening August.

Varieties marked with an asterisk (*) can be furnished on dwarf stock.

Early Harvest. Moderate growth, medium to large; yellow; tender, rather acid; very good. Ripening August.

Early Strawberry. Moderate growth, medium; deep red; melting, subacid; very good. Ripening August.

Golden Sweet. Free growth; large; yellow, tender, sweet, rich; very good. Ripening August and September.

Primate. Medium growth; pale yellow; tender, fine flesh, juicy, mildly acid. Excellent dessert Apple. Ripening August and September.

***Red Astrachan.** Free growth; large, roundish; deep crimson; juicy, rather acid; good; very hardy; highly esteemed on account of its fine appearance, earliness and hardiness. Ripening August.

Sops of Wine. Free growth; medium; dark crimson; juicy, subacid; good. Ripening August and September.

Sweet Bough. Moderate growth; large; pale yellow, tender, juicy, sweet; very good. Ripening August.

Tetofsky. Moderate growth; Russian; medium; yellow and red; juicy; sprightly acid; good; very hardy. Ripening July and August.

***Williams Favorite.** Moderate growth; large, oblong, red; rich and excellent. Ripening August.

***Yellow Transparent.** Free growth; Russian; medium; roundish, oblate, slightly conical; pale yellow; tender, juicy, sprightly subacid; good. Ripening August.

AUTUMN APPLES

Alexander. Moderate growth; Russian; very large and handsome; crimson; crisp, subacid; good. Ripening September and October.

Fall Pippin. Free growth; very large; yellow; tender, rich; very good or best. Ripening October to December.

***Fameuse, or Snow.** Vigorous growth; medium; deep crimson; tender, subacid, melting, delicious; very good; hardy. One of the best dessert Apples. Ripening November to January.

***Gravenstein.** Vigorous growth; very large; striped; juicy, tender, crisp, rich; subacid; very good. Ripening September and October.

Maiden's Blush. Free growth; large; yellow and red; tender, juicy, subacid; good. Ripening September and October.

***Duchess of Oldenburg.** Vigorous growth; Russian; large; striped, tender, juicy, subacid; good; regular and abundant bearer. One of the hardiest kinds known. Ripening September.

Porter. Moderate growth; medium to large; yellow; fine grained; sprightly subacid; very good. Ripening September.

Pound Sweet. Vigorous growth; very large; yellowish; sweet and rich. Ripening October and November.

Red Bietigheimer. Free growth; one of the largest and handsomest Apples; purplish-crimson; firm, pleasant, subacid; good; hardy. Ripening September.

CRAB APPLES

Standard Trees, 5 to 7 ft., 75c. each, $8.00 per doz.

Hyslop. Large size; dark crimson, with bloom; very showy and most beautiful of all the class.

Transcendent. Of the largest size of this class of Apples; red, showy, excellent and very handsome.

Whitney. Smooth, glossy green, splashed with carmine; flesh firm, juicy and rich; a great bearer.

WINTER APPLES

***Baldwin.** Vigorous growth; large; bright red; crisp, juicy, subacid; good; the most popular and profitable market sort at the East. Ripening December to March.

Belle de Boskoop. Vigorous growth; large; bright yellow; crisp, firm, juicy, sprightly subacid; very good; hardy. Ripening December and January.

***Ben Davis.** Vigorous growth; large; striped; moderately juicy, subacid; good; highly esteemed at the West. Ripening December to March.

Golden Russet. Vigorous growth; medium; russet; crisp, juicy, mild and subacid; hardy; very good; long keeper. Ripening November to April.

Grimes' Golden. Vigorous grower; large; golden yellow; juicy, sprightly subacid; very good. Ripening January to April.

***Hubbardston.** Free growth; large, striped red and yellow; tender, juicy, rich, slightly subacid; very good. Ripening November to January.

Jonathan. Medium growth; red and yellow; tender, juicy and rich; very productive. One of the best for table or market.

Mann. Vigorous growth; medium to large; deep yellow; juicy, mild, pleasant, subacid; hardy. Ripening January to April.

***McIntosh Red.** Vigorous growth; handsome; very good; hardy. Ripening November to February.

Nero. A new Apple of great promise for New England. As large as Baldwin; bright red, crisp, firm; good keeper; moderately juicy, mild subacid, mingled with sweet.

***Northern Spy.** Vigorous growth; large; striped red; tender, juicy, mild, subacid; very good; a fine dessert fruit. Ripening December to June.

Opalescent. The handsomest Apple on the market. An annual bearer of beautiful, high-quality fruit. Size large; color light, shading to a very dark crimson, and susceptible to a very high polish; hence, its name. Ripening December to March.

Pewaukee. Vigorous growth; large; bright yellow with red; tender, juicy, subacid; good; very hardy. Ripening January to May.

Rambo. Vigorous growth; medium; yellow and red, tender, juicy, mild, subacid; very good. Ripening October to January.

***Rhode Island Greening.** Vigorous growth; large; green; fine grained; rich, subacid; very good. Ripening December to April.

Rome Beauty. Moderate growth; large; yellow and red; tender, juicy, sprightly subacid; good. Ripening December to May.

Roxbury Russet. Free growth; medium; greenish; rich, subacid; good, late keeper. Ripening December to June.

Sutton Beauty. Free growth; medium to large; yellow and crimson; tender, juicy, subacid; very good and a long keeper. Ripening November to April.

Spitzenburg (Esopus). Large, round, brilliant red, with gray dots; firm, rich, crisp, juicy, spicy and delicious. Tree rather a slow grower, but with high culture forms a large and spreading tree; a good bearer and a popular fruit. Ripening December to April.

Stark (Pride of Maine). An early and abundant bearer. Fruit large and valued for its long keeping, skin greenish yellow, shaded and striped with red, and thinly covered with light brown dots; flesh yellow, moderately juicy, mild. Ripening January to May.

Tolman's Sweet. Free growth; medium; yellow; firm, rich, sweet. Ripening November to April.

***Tompkins King or King of Tompkins County.** Vigorous growth; large; red-striped; tender, juicy, vinous; very good; Ripening November to January.

Twenty-Ounce. Free growth; large and showy; striped; brisk, subacid; good. Ripening October to January.

Wagener. Vigorous growth; medium to large; yellow and crimson; juicy and subacid; very good. Ripening December to March.

Walbridge. Vigorous growth; medium; yellow and red; crisp, juicy, good; hardy. Ripening January to May.

***Wealthy.** Free growth; medium; dark red; juicy, vinous, subacid; good; very hardy. Ripening December to February.

Winesap. Moderate growth; large, deep red; firm, crisp; good. Ripening December to May.

***Wolf River.** Very large; beautiful red in the sun, on a yellow ground; strong grower and a good bearer. Original tree in Wisconsin is 40 years old, very healthy and extremely hardy. Ripening December to March.

Yellow Bellflower. Free growth; large, yellow; crisp, juicy, acid to subacid; very good. Ripening November to February.

York Imperial. Free growth; medium; whitish, shaded with crimson in the sun; firm, crisp, juicy, mild, subacid. Ripening November to February.

Pears

Standard Pears, 5 to 7 ft., 75c. each, $7.50 per doz.
Except where noted.

SUMMER PEARS

***Bartlett.** Vigorous growth; large; yellow and red; juicy, buttery, with a rich, musky flavor; very good. Ripening September.

***Brandywine.** Free growth, medium yellow and russet; melting, juicy, good. Ripening August.

***Clapp's Favorite.** Vigorous growth; very large and handsome; yellow and crimson; melting, buttery, vinous; very good. Ripening August.

Koonce. As an early market Pear it is said to have no equal. Expressly suited for the North on account of its hardiness and vigorous growth. Fruit medium to large, yellow, with handsome blush, and does not rot at the core; good quality.

Manning's Elizabeth. Moderate growth; below medium; yellow and red; juicy, melting; very good. Ripening August.

Wilder. This new Pear has been tested sufficiently to warrant the highest commendation. It ripens in August and is a liberal cropper, bearing fruit shortly after transplanting. Skin bright yellow; flesh rich creamy color, and virtually coreless. It is the best keeper of all Pears and does not rot at the core. Very juicy and delicious in flavor.

AUTUMN PEARS

Anjou. Vigorous growth; very large; greenish yellow; melting, buttery, juicy, sprightly, vinous; keeps into midwinter, and is the most valuable of all Winter Pears. Ripening November and December.

Bosc. Moderate growth; large; russety; buttery, rich, high-flavored; best. Ripening September and October.
Price, each.....$2.00

Clairgeau. Free growth, very large, handsome and showy; yellow and red; juicy, vinous; valuable for market. Ripening November and December.

Flemish Beauty. Vigorous growth; large; yellow and russet; juicy, melting, sweet; good; very hardy. Ripening September and October.

Howell. Vigorous growth; large; handsome; sweet, melting; good. Ripening September and October.

Kieffer. Vigorous growth; large; rich golden; slightly coarse; juicy, with a pronounced quince flavor. Ripening October and November.

Louis Bonne of Jersey. Vigorous growth; large; yellow and red; melting, buttery, rich; very good. Ripening September and October.

Seckel. Moderate growth; medium; brown; juicy, melting and buttery; of the highest flavor. Ripening September and October.

Sheldon. Vigorous growth; large; russet and red; melting, rich, delicious; very good. Ripening October.

Vermont Beauty. Originated in Vermont. A very brilliant-colored skin and most beautiful when ripened. It matures a little later than the Seckel, and has qualities which render it valuable as a shipping Pear. Flesh rich, aromatic and juicy. The tree is strong in habit and is well adapted to the coldest climates.

WINTER PEARS

Dana's Hovey. Moderate growth; small, but of fine quality. Ripening November to January.

Lawrence. Moderate growth; medium to large; golden yellow, melting, pleasant, aromatic; very good; a valuable Winter Pear. Ripening November and December.

Lincoln Coreless. Practically coreless. It will keep for several months. Fruit large and juicy. When ripe, the skin is a rich golden tint and the flesh is yellow. Tree is strong grower, hardy as *Bartlett.*

Winter Nelis. Free growth; medium; russet; melting, buttery and rich; very good; one of the best early Winter Pears. Ripening December and January.

DWARF PEARS

Varieties marked with an asterisk (*) can be supplied in Dwarf.
3 to 4 ft., 75c. each, $8.00 per doz.

Cherries

Standard Trees, 2 to 3 years, 75c. each, $7.50 per doz.

BIGARREAU OR SWEET

Black Eagle. Moderate growth; large; black, tender, rich, juicy; best. Ripening first of July.

Black Tartarian. Vigorous growth; very large; purplish black; one of the best. Ripening end of June.

Coe's Transparent. Vigorous growth; medium; pale amber and red; one of the best. Ripening end of June.

Downer's Late. Vigorous growth; rather large, light red; tender and juicy; good. Ripening first of July.

Governor Wood. Vigorous growth; medium; clear, light red; tender and delicious. Ripening end of June.

Napoleon. Vigorous growth; very large; pale yellow with red cheek; firm, juicy and sweet; very good. Ripening first of July.

Rockport. Vigorous growth; large pale amber and red; sweet and tender; good. Ripening first of July.

Windsor. Vigorous growth; large; liver colored; very firm; very good. A valuable variety; hardy. Ripening end of July.

Yellow Spanish. Vigorous growth; large; pale yellow, with red cheek; firm, juicy and delicious; very good. Ripening end of June.

MORELLO OR SOUR

Early Richmond. Medium size; dark red; juicy, rich acid flavor. The stone adheres to the stem. One of the most valuable of sour Cherries.

Empress Eugenie. A new French Cherry, rather dwarf in habit; very productive; fruit large, roundish, flattened; skin rich, dark red, flesh red, tender, rich, juicy, subacid; very good; stone small.

Montmorency (Large Montmorency). A Cherry of the Richmond class, but larger and more solid. A more upright grower, equally hardy, and a heavy cropper. Ripens from seven to ten days later than the *Richmond,* entirely escaping danger from Spring frost.

Morello, English. Large; dark red, nearly black; tender, juicy, subacid; valuable for preserves; tree small, slender growth; productive.

Plums

Trees, 5 to 7 ft., 75c. each, $7.50 per doz.

Bradshaw. A very large, oval; bark violet red; juicy, sweet and good; a valuable market variety.

Coe's Golden Drop. Very large; light yellow; rather firm; rich, sweet and good; adheres to the stone.

Lombard. Medium oval; violet red, juicy, pleasant and good; very productive.

JAPAN PLUMS

Abundance. Lemon-yellow ground, overspread with bright cherry, and with a heavy bloom; large.

Burbank. Large and beautiful; clear cherry red, with a thin lilac bloom; flesh a deep yellow; very sweet.

October Purple. Large, round fruit; dark, reddish purple yellow; flesh of most superb quality.

Wickson. Deep maroon-red, covered with white bloom; flesh fine texture, firm, sugary and delicious.

Yellow-Japan. Lemon-yellow ground; nearly overspread with bright cherry and heavy bloom.

Peaches

50c. each, $4.00 per doz.

Champion. Handsome creamy white with red cheek. It is of large size and of very superior flavor.

Crawford's Early. Very large; yellow; juicy, melting; freestone. Ripening end of September.

Crawford's Late. Very large; yellow; juicy, good; freestone. Ripening end of September.

Crosby. Considered the best variety introduced for years. Grown extensively throughout New England.

Elberta. Large, light-colored yellow Peach; juicy, well flavored; finest yellow freestone.

Hale's Early. Medium, white; very good. Ripening middle of August.

Mountain Rose. Large; white and red; juicy; good. Ripening end of August.

Oldmixon Free. Large; greenish white and red; juicy and rich. Ripening middle of September.

Stump the World. Medium to large; red and white; good. Ripening middle of September.

Quinces

3 to 4 ft., 75c. each, $7.50 per doz.

Apple, or Orange. Large, roundish; bright golden yellow; very productive.

Bourgeat. One of the finest yet offered. Color, rich golden, and quality extra good. Extra large.

Champion. A vigorous and productive variety. Ripening very late.

Rea, or Rea's Mammoth. A very large and fine variety of the Orange Quince. One of the best.

SMALL FRUITS

Blackberries

$1 per doz., $5 per 100

Agawam. Sweet, medium size. Early.
Eldorado. Extra fine and very hardy; large, sweet berry.
Erie. One of the best; large and productive. Early.
Kittatinny. Large; one of the best. Medium.
Rathbun. Extra large and productive. Doz., $1.50.
Snyder. Medium size; very fine. Medium. Per 100, $6.00.
Wachuset. Thornless. Fair size, good quality. Comparatively free from thorns. Medium.
Wilson's Early. Large, excellent. Early.

Currants

$1.25 per doz., $8 per 100

Black Naples. Large black for preserves.
Cherry. Large, red, popular sort.
Fay's Prolific. Largest and finest red.
Red Cross. Excellent quality, good size and very prolific.
Versaillaise. Large, red, excellent.
White Grape. Very large, white.

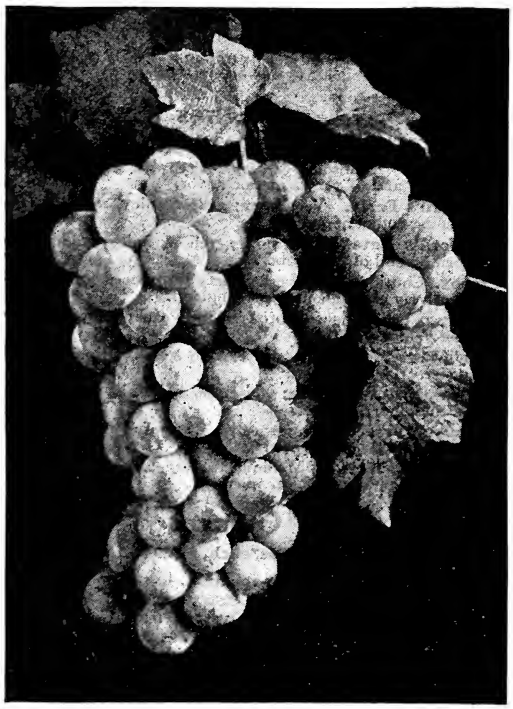
Gooseberries

Industry. An English variety with large dark red fruit, free from mildew. $2.50 per doz.
Red Jacket. An American variety with large ruby-red fruit, fine flavor and free from mildew. $2.50 per doz.
Pearl. Prolific sort; free from mildew. The fruit is large; light green and fine quality. $2 per doz.
Downing. Whitish green, prolific. $2 per doz.

Raspberries

$1 per doz., $5 per 100

Clarke. Large, red, firm; one of the best.
Columbian. Red; very large and an excellent keeper. Doz., $2.00; 100, $10.00.
Cuthbert. Medium to large, red, sweet.
Cumberland. Large and productive; of fine flavor.
Marlboro. Popular red sort. Early and hardy.
Golden Queen. Large, yellow and firm; fine quality.
Gregg. Large, black cap, great bearer.
Souhegan. Large and early, black cap.



Grape Niagara

Currant, Fay's Prolific

Grapes—Hardy Varieties

50c. each, except where noted

BLACK

Concord. Large, always reliable. Medium.
Eaton. Very large, new. Medium.
Hartford. Large and productive. Early.
Campbell's Early. Very large berry and clusters, rich flavor and very sweet.
Moore's Early. Large, fine quality. Early.
Wilder (Rogers' No. 4). Very large. Medium.
Worden. Large, excellent quality. Early.

RED

Brighton. Large, best quality. Early.
Delaware. Small, delicious. Late.
Ionia. One of the finest table Grapes, high flavor and long keeper. Late.
Vergennes. Large, splendid. Medium.

WHITE

Empire State. Tender. Medium.
Green Mountain. One of the best. Early.
Moore's Diamond. Large, excellent. Early.
Niagara. Large and productive. Medium.

FOREIGN VARIETIES

For growing under glass, strong planting canes $3 to $4 each; fruiting canes $5 to $7 each.

BLACK

Alicante. Very large, fine quality.
Black Hamburg. The best for general use.
Gros Colman. Very large, sweet and juicy.
Madresfield Court. Large, rich Muscat flavor.

WHITE

Boxwood. Large, with a sweet Muscat flavor.
Golden Chasseras. Large, excellent sort.
Golden Hamburg. Large bunches, one of the best.
Muscat of Alexandria. A delicious variety.

Strawberry Plants

A complete list of the best varieties of Strawberries may be found in our Midsummer Catalog. Send for one.

The plants which we supply in early Spring are all well rooted, strong and healthy, being what we term layer plants. These are usually ready for delivery after May 1st.

We can supply the following varieties:

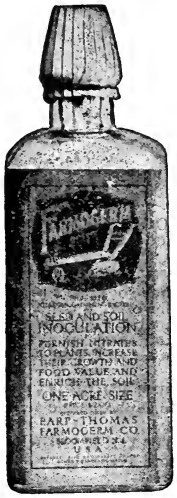
Abington	Golden Gate	Parsons' Beauty
Brandywine	Heritage	Sample P
Clyde	Klondyke	Senator Dunlap
Glen Mary	Marshall	Gandy
Belmont	Commonwealth	Minute Man P

Per 100 $1.00, 1000 $7.00.

Pot-grown Strawberries ready for delivery after August 1st.

FARMOGERM

The Standard Inoculation for Clover, Peas, Beans, Vetch and Sweet Peas



WHAT FARMOGERM IS

Farmogerm is a pure culture, or growth of nitrogen-fixing bacteria that have been selected and bred up to transform large amounts of nitrogen from the air into soluble nitrates. These bacteria are grown in a jelly, or food, in which they remain active for long periods of time, and sent out in a bottle which admits the necessary supply of pure air, yet keeps out destructive contaminations. If Alfalfa can be grown on hot, sandy land of South New Jersey, why can't you grow it?

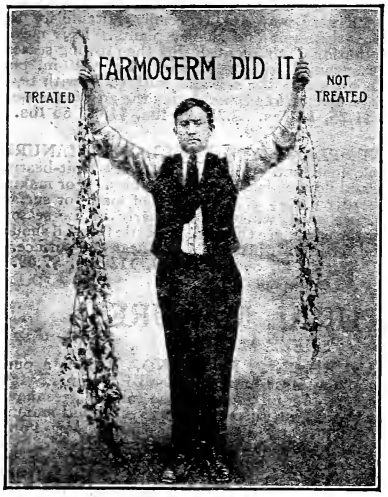
WHAT FARMOGERM WILL DO

Unless the soil is very acid or wet, Farmogerm will

1. Increase the yield and quality of legume crops, giving quicker growth and earlier maturity.
2. Increase the food value of legumes.
3. Make legumes grow in new localities where they cannot otherwise be grown successfully.
4. Supply nitrates to other crops growing with the inoculated legume crop.
5. Enrich the soil for future crops, thereby increasing the permanent value of the farm. Better crops, better soil, less fertilizer, less labor.

INCREASED CROPS

are a well-established certainty in all instances where inoculations are used together with proper culture methods. Not only is the crop increased in weight, but in its richness. The U. S. Dept. of Agriculture, Bulletin No. 71, substantiates these statements. Why not increase your farm yields without extra labor and at practically no extra cost?



FERTILIZER VALUES

of well inoculated legumes have long been determined. It is shown in Bulletin No. 71, issued by the U. S. Dept. of Agriculture, that tests covering a large part of the country prove that legumes will deposit 1000 lbs. of nitrates per acre. This means that your most expensive commercial fertilizer is absolutely unnecessary when you plant legumes that are perfectly inoculated, sown and planted in properly prepared land.

PEAS, BEANS, SWEET PEAS

yield earlier, longer and better when treated with Farmogerm. Farmogerm is endorsed by farmers, Federal and State Agricultural Departments and private estates. It is delivered to you in bottles ready for use—you can inoculate the seed for ten acres in ten minutes.

Prepared for Clover, Alfalfa, garden Beans, Soy Beans, garden Peas, Canadian Field Peas, Cow Peas, Vetch and all other legumes.

Farmogerm does not apply to Corn crops.

In ordering, state what legumes you wish to plant.

PRICES

5-acre bottles	$9.00
1-acre bottles	2.00
Garden size bottles	.50
Sweet Peas	25c. and 50c. sizes

Climax Lawn Sand Destroys Weeds

This remarkable preparation, when applied to weedy lawns, will adhere to the rough, hairy leaves of Dandelions, Plantains, etc., and, by absorbing therefrom all the sap, destroy them beyond recovery. Moreover, Climax Lawn Sand goes to the roots of smooth-bladed finer grasses and acts as a valuable fertilizer. The most weedy and impoverished lawn will show a remarkable improvement after a single application. A booklet, giving in detail all the merits of this wonderful weed eradicator, explicit directions for use and testimonials from every part of this country, will be gladly mailed free to any applicant.

When to Apply. March, April, May, July, August, September and October are the best months, selecting a bright, sunny day, with a prospect of 24 to 48 hours' settled weather.

The small size cans of Climax Lawn Sand can be sent by Parcel Post. See page 1 for rates.

QUANTITY REQUIRED		PRICES		
3½ lbs. will dress	150 sq. ft.	Tin can	Purchaser paying transit	$0.40
7 lbs. will dress	250 sq. ft.	Tin can		.75
14 lbs. will dress	500 sq. ft.	Tin can		1.25
28 lbs. will dress	1,000 sq. ft.	Wooden keg		2.00
56 lbs. will dress	2,000 sq. ft.	Wooden keg		3.50
112 lbs. will dress	4,000 sq. ft.	Wooden keg		6.00

FERTILIZERS

For Farm, Grass Land, Lawn, Garden and Greenhouse
Fertilizer Prices are F. O. B. Boston

BOWKER FERTILIZERS

BLOOD, BONE and POTASH. Ammonia 5 per cent., soluble and available phosphoric acid 7 per cent., potash 7 per cent.
100 lbs. $2.25, ton $39.00.

BONE AND WOOD ASH FERTILIZER FOR LAWNS. The value of bone and wood ashes is appreciated by everyone. Bone however, is not a complete fertilizer, as it lacks potash. Ashes are not a complete fertilizer, as they lack both phosphate of lime and ammonia. The two combined, however, supplement each other and make a complete, balanced fertilizer.
100 lbs. $2.00, ton $35.00.

CORN PHOSPHATE. Ammonia 2 per cent., soluble and available phosphoric acid 9 per cent., potash 2 per cent.
100 lbs. $1.75, ton $30.00.

POTATO MANURE, EARLY. Ammonia 4 per cent., soluble and available phosphoric acid 8 per cent., potash 7 per cent.
100 lbs. $2.00, ton $37.00.

HILL AND DRILL PHOSPHATE. Ammonia 3 per cent., soluble and available phosphoric acid 9 per cent., potash 2 per cent.
100 lbs. $1.80, ton $32.00.

For a small garden and general use we recommend the Hill and Drill Phosphate, for a concentrated fertilizer.

LAWN AND GARDEN DRESSING. For lawns, grass lots, kitchen gardens and flower beds. This superior dressing is made from chemicals, and is so prepared that it acts gradually throughout the season, producing a luxuriant growth of grass of a rich green color. It is far superior to lumpy strawy manure, which disfigures the lawn and gives off an offensive odor. It is nearly odorless, and is easily applied.
10-lb. bag for 1000 sq. ft. 50c., 25-lb. bag for 2500 sq. ft. $1.00, 50-lb. bag for 5000 sq. ft. $1.75, 100-lb. bag for ¼ acre $3.00, ton $50.00.

MARKET GARDEN FERTILIZER. Ammonia 3 per cent., soluble and available phosphoric acid 6 per cent., potash 10 per cent.
100 lbs. $1.95, ton $35.00.

POTATO AND VEGETABLE FERTILIZER. Ammonia 3 per cent., soluble and available phosphoric acid 8 per cent., potash 4 per cent.
100 lbs. $1.75, ton $32.00.

POTATO AND VEGETABLE PHOSPHATE. Ammonia 2 per cent., soluble and available phosphoric acid 8 per cent., potash 2 per cent.
100 lbs. $1.75, ton $30.00.

SURE CROP PHOSPHATE. Ammonia 1 per cent., soluble and available phosphoric acid 8 per cent., potash 2 per cent.
100 lbs. $1.65, ton $27.00.

STOCKBRIDGE SPECIAL MANURE

The Stockbridge special complete manures were the original special fertilizers sold in this country. They are each especially adapted for the crop designated. The following are the leading brands: **Corn and Grain, Grass Top Dressing, Seeding Down, Lettuce and Spinach, Celery, Asparagus, Potatoes, Onions, Roots, Pea and Bean, Vegetables, Vines, Fruit Trees and Strawberry and Small Fruits.**

These special manures cannot be shipped for three or four days after order is received.
100 lbs. $2.00. Ask for special ton price.

LOWELL ANIMAL FERTILIZERS

A Complete Manure for all Crops. This brand is an unsurpassed all-round fertilizer, and we confidently recommend it as an unequaled crop-producer for general crops. Ammonia 3 per cent., available and soluble phosphoric acid 8 per cent., potash 4 per cent.
50-lb. bag $1.00, 100-lb. bag $1.75, ton $32.00.

ASHES

CANADA UNLEACHED HARD WOOD

Excellent top dressing for lawns and grass land. They give to the grass a rich, dark shade of green, and will destroy many of the insects that are injurious to grass roots. A superior lawn dressing.

100-lb. bags $1.25, 200-lb. bbls. $2.25, per ton in barrels $20.00, per ton in bags $18.00. In carload lots, minimum weight 20 tons, $16.00 per ton, in bulk; $18.00 per ton in 100-lb. bags, delivered at any station in Massachusetts, Vermont, New Hampshire, Rhode Island or Connecticut, or any station in Maine, except points on the Maine Central R.R.

IMPORTED FERTILIZERS

CLAY'S FERTILIZER. Highly recommended by the leading horticulturists in the cultivation of fruits, flowers and vegetables for exhibition. Most productive and economical fertilizer for all horticultural purposes.
Original bags, 7lbs. 75c., 14 lbs. $1.25, 28 lbs. $2.25, 56 lbs. $4.00, 112 lbs. $7.00

SLAG PHOSPHATE (Basic Slag). This is a substitute for bone or acid phosphate, and is recommended very highly by Professor Brooks of the Massachusetts Agricultural College and many of our most successful farmers. Analysis 17 to 19 per cent. phosphoric acid.
In original bags, per 100 lbs. $1.00, ton $16.00.

SOOT, IMPORTED SCOTCH. Prevents mildew when mixed with sulphur at the rate of one-third sulphur and two-thirds soot. As a fertilizer it promotes growth and improves color of foliage and flower.
Per original bag, 100 lbs. $3.00.

SWEET PEA MANURE, MACKERETH'S SPECIAL. A liberal use of this fertilizer prolongs the flowering season and saves the grower the trouble of removing the pods which do not develop. When this food is regularly supplied the plants will continue to bloom until frost destroys them.
In tins, each 35c. and 75c.; in bulk, 5 lbs. 75c., 10 lbs. $1.25, 25 lbs. $2.25, 50 lbs. $4.00, 100 lbs. $7.00.

THOMSON'S SPECIAL CHRYSANTHEMUM MANURE. Entirely soluble and very powerful, especially suitable for top dressing for Chrysanthemums and similar plants. It is meant to be used as an additional stimulant during the growing season. A heaped dessert spoonful will be sufficient for a 10-in. pot, sprinkled over the surface of the soil and watered in with tepid water. This may be given three times during the growing season.
Lb. 25c., 7 lbs. $1.25, 14 lbs. $2.25, 28 lbs. $4.00, 56 lbs. $7.00.

THOMSON'S VINE, PLANT AND VEGETABLE MANURE. A safe and reliable food and stimulant for every fruit-bearing plant, also foliage and flower plants and vegetables. For making up a grape vine border use ½ cwt. to a ton of loam for surface dressing or 2 lbs. per yard, when applied early in the season; 1 lb. per yard after the crops are thinned. A little fine soil should be mixed with the fertilizer when roots are near the surface.
14 lbs. $1.25, 28 lbs. $2.25, 56 lbs. $4.00, 112 lbs. $7.00.

NATURAL MANURES

SHEEP MANURE

PURE SHEEP MANURE, F. F. R. BRAND. This is a pure, natural manure and the most nutritious food for plants. It is the best of all manures for mixing with the soil for greenhouse plants. It makes the richest, safest and quickest liquid manure, rivaling guano, without any deleterious effects. For flower and vegetable gardens, and as a top dressing for lawns, it is unequaled. We handle large quantities of sheep manure direct from the corrals in the West. **It comes to us in the natural state and we have it ground here in Boston.** We know that it is as pure as can be obtained.
5 lbs. 25c., 10 lbs. 40c., 100 lbs. $2.50, ton $40.00.

"WIZARD BRAND" PURE PULVERIZED SHEEP MANURE. We are sole distributors for Boston and vicinity of the above brand of sheep manure. Pure sheep manure is the best and strongest in fertilizing and enriching elements of all nature's fertilizers, containing as it does nitrogen, phosphoric acid, ammonia and potash in liberal proportions. It is three times stronger than cow manure. Sheep manure is excellent for lawns, railroad stations, golf greens, general garden, flower beds, house plants, trees, hothouses, public parks, fruits and all farm products.
Lb. 10c., 5 lbs. 25c., 10 lbs. 40c., 25 lbs. 75c., 50 lbs. $1.25, 100 lbs. $2.00, ton (in 100-lb. bags) $35.00, full large barrel $4.00.

CATTLE MANURE

(Excellent for making compost.)

PULVERIZED, "WIZARD BRAND." One of the best fertilizers for orchards and shrubberies.
100 lbs. $1.50, ton $26.00.

SHREDDED, "WIZARD BRAND." Is a good fertilizer for general use as a substitute for stable manure.
100 lbs. $1.40, ton $23.00.

FERTILIZERS

On this page F. O. B. Boston and subject to Market Variations

GROUND BONE, PHOSPHATES, ETC.

ACID PHOSPHATE. 14 to 16 per cent. soluble and available phosphoric acid. **100 lbs. $1.00, ton $17.00.**

PURE BONE ground very fine. An excellent fertilizer for pot plants or beds where immediate results are needed. **5 lbs. 25c., 10 lbs. 40c., 25 lbs. 75c., 50 lbs. $1.25, 100 lbs. $2.00.**

FRESH GROUND BONE. It is practically raw ground bone, the only thing extracted from it being the grease, which is of no value as a fertilizer. After the grease is extracted, the bone is dried and ground in its pure state. **50 lbs. $1.25, 100 lbs. $2.00, ton $35.00.**

CRACKED BONE. For grape vines, fruit trees, shrubs and trees of all kinds. Should be used in setting out, mixed with the soil to the depth of a foot or more. **In bags or barrels, lb. 2½c.**

PLAIN SUPERPHOSPHATES. 12 to 14 per cent. soluble and available phosphoric acid. **100 lbs. $1.00, ton $15.00.**

AMMONIATES

NITRATE OF SODA. 15 to 16 per cent. nitrogen. Equal to 18 to 19 per cent. ammonia. **Per 100 lbs. $3.00, ton $57.00.**

Sulphate of Ammonia. 20 per cent. nitrogen; 24 to 25 per cent. ammonia. **100 lbs. $3.75, ton $72.00.**

DRIED BLOOD. 12 to 14 per cent. ammonia. **100 lbs. $3.50, ton $65.00.**

FINE GROUND BONE TANKAGE. 6 to 7 per cent. ammonia, 30 to 35 per cent. bone phosphate; equal to 13.75 to 16 per cent. phosphoric acid. **100 lbs. $2.00, ton $33.00.**

FINE GROUND TANKAGE. 9 to 10 per cent. ammonia; 20 to 25 per cent. bone phosphate; equal to 11 per cent. phosphoric acid. **100 lbs. $2.50, ton $44.00.**

POTASH SALTS

MURIATE OF POTASH. 46 per cent. actual potash; equal to 77.53 per cent. muriate of potash. In original bags. **100 lbs. $2.50, ton $42.00.**

DOUBLE SULPHATE OF POTASH AND MAGNESIA. 26 per cent. actual potash; equal to 48 per cent. sulphate of potash, 35 to 40 per cent. sulphate of magnesia, and not over 2½ per cent. chlorine. In original bags. **100 lbs. $1.75, ton $30.00.**

HIGH GRADE SULPHATE OF POTASH. 88.75 per cent. sulphate of potash; 48 per cent. actual potash. In original bags. **100 lbs. $2.75, ton $51.00.**

KAINIT. 12 per cent. actual potash; equal to 22.19 per cent. sulphate potash. **100 lbs. 85c., ton $12.00.**

HARD WOOD ASHES. See page 160.

We recommend for special use for

FLOWER GARDENS

Sheep Manure. See page 160.
Lawn and Garden Dressing. See page 160.
Fresh Ground Bone. See page 161.
Clay's Fertilizer. See page 160.
Thomson's Vine and Plant Manure. See page 160.

LAWNS

Sheep Manure. See page 160.
Hard Wood Ashes. See page 160.
Lawn and Garden Dressing. See page 160.
Bone and Wood Ash. See page 160.
Fresh Ground Bone. See page 161.

VEGETABLE GARDENS

Hill and Drill Phosphate. See page 160.
Swift's Lowell Animal Fertilizer. See page 160.
Lawn and Garden Dressing. See page 160.
Sheep Fertilizer. See page 160.
Cattle Manure. Pulverized or shredded. See page 160
Clay's Fertilizer. See page 160.

POTTING MATERIALS

CHARCOAL. Coarse and fine. For general use in potting plants, to keep the soil sweet. **Bus. 60c., bbl. $1.25.**

COCOANUT FIBER. Screened and sifted. Cuttings of tender plants can be propagated successfully and quickly—it is useful also in a mixture with potting soil. As a surface covering for flower beds in Summer, and for giving protection to the roots of somewhat tender plants during the Winter months, Cocoanut Fiber is unequaled. **Qt. 10c., ¼ bus. 25c., bus. 75c., sack of 3 bus. $2.00.**

LEAF MOULD. Is very essential for growing plants. **½ pk. 20c., pk. 30c., bus. $1.00, bbl. $2.00.**

ORCHARD PEAT, or FERN ROOT. Bbl. $2.75, bus. $1.50.

POTTING SOIL. This soil has been put to 270 degrees of heat which absolutely destroys all insects or fungous growth in the soil, and is fertilized sufficiently for growing all kinds of plants. This soil is the same as we use in growing all our plants. **½ pk. 20c., pk. 30c., bus. $1.00, bbl. $2.00.**

ROTTED FIBROUS PEAT. This has become thoroughly rotted and is invaluable for potting plants. **½ pk. 20c., pk. 30c., bus. $1.00, bbl. $2.00.**

SILVER SAND. For mixing with potting soil and for propagating. **Pk. 50c., bus. $1.50.**

SPHAGNUM MOSS. We can furnish at almost any time of year, freshly gathered or dry. **Bbl. $1.50, bus. 75c.**

LIME AND PLASTER

LAND LIME. This lime is especially prepared for use on soil. Lime is essentially a plant food, and is a corrective for improper conditions of the soil; it also acts as neutralizer for acid soils. 2,000 to 6,000 lbs. per acre should be used on heavy soils, 1,000 to 3,000 lbs. to the acre, on sandy soils, according to their need. **100-lb. bag $1.25, 500 lbs. $5.00, ton $14.00.** In lots of three tons or over, **$12.00 per ton.** Carload lots, **$7.50 per ton,** f.o.b. cars Boston.

LAND PLASTER. Excellent for composting and fertilizing; also used for preventing bugs from destroying Cucumber, Melon and Squash vines. **5 lbs. 15c., 25 lbs. 50c., 100 lbs. $1.00, bbl. of about 350 lbs. $2.00.**

PLANT FOOD FOR HOUSE PLANTS

(May be sent by Parcel Post, except Ferti-Flora, at Parcel Post rates)

BOWKER PLANT FOOD. It is made expressly for flowers grown in house or garden. It produces a healthy growth and early flowering. **Pkt. 15c. and 25c., by mail 25c. and 45c.**

FERTI-FLORA. A liquid fertilizer for potted plants. No stronger solution of fertilizer elements can be maintained at Winter temperature without using unsafe mineral acids. **Bottle 25c.** (unmailable).

SHEEP MANURE FOR HOUSE PLANTS. 1-lb. pkg. 10c., 5 lbs. 25c.

STERLINGWORTH
PLANT TABLETS

STERLINGWORTH PLANT TABLETS. They are simply wonderful for making plants bloom. They are odorless and are used by dissolving in water. If you want beautiful, luxuriant plants, try just one box. **Trial size 10c., postpaid; medium size (100 tablets) 25c., postpaid; large size (250 tablets) 50c., postpaid.**

INSECTICIDES AND FUNGICIDES

For all Insect Pests and Fungus Growth

Liquids and Poisons are not mailable. Other Insecticides and Fungicides may be sent at Parcel Post rates

ALPHOL. For destroying slugs, ants, wire worms, wood-lice and other insects infesting the soil. When making up heaps of potting soil manure or leaf mold, use Alphol freely for in the open ground. 3 lbs. **35c.**, 7 lbs. **60c.**, 14 lbs. **$1.00**, 28 lbs. **$1.75**, 56 lbs. **$3.00**, 112 lbs. **$5.00.**

ANT-I-CIDE (Sterlingworth). The best and most effective remedy for cleaning ants from your lawn. It is a non-poisonous powder, producing quick results. It is easily applied by strewing on the infested surface. One pound will treat three hundred square feet of surface. 1 lb. **25c.**, 5 lbs. **$1.00**, 25 lbs. **$4.50.**

ANTI CROW CORN OIL. A non-poisonous oil for protecting newly planted corn from crows and blackbirds. Don't kill the crows—they are valuable bug destroyers. Corn treated with this oil will run through a seeder better than when treated with tar. Pt. **25c.**, qt. **40c.**, gal. **$1.25.**

APHINE. Effective against all soft bodied and plant sucking insects, such as green, black, white fly, red spider, thrips, mealy bug, brown and white scale, currant and cabbage worm, etc. Used as a spray or wash, diluted in water in proportions as directed on each can. A recognized standard insecticide endorsed by professional gardeners and commercial growers of reputation. Can be used indoors and in the garden on flowers, fruits and vegetables. An excellent cleanser for house plants. Gill **25c.**, ½ pt. **40c.**, pt. **65c.**, qt. **$1.00**, gal. **$2.50**, 10 gals. **$22.50**, ½ bbl. (25 gals.) **$43.75.** Express prepaid: Qt. **$1.25**, pt. **75c.**, ½ pt. **50c.**

APHIS PUNK. Is lighted with a match and allowed to burn, which it does without flaming; kills aphis and thrips very effectively. A box contains one dozen rolls—sufficient for fumigating 600 feet of floor space. Box **60c.**, case **$6.50.**

ARSENATE OF LEAD. It kills all leaf-eating insects like potato bugs, rose bugs, fruit tree worms, gypsy and brown-tail moths, caterpillars, elm leaf beetles, etc., and sticks like paint to the leaves. It is easy to apply, and won't injure the most tender foliage. 1 lb. **20c.**, 2 lbs. **40c.**, 5 lbs. **90c.**, 10 lbs. **$1.60**, 25 lbs. **$3.75**, 50 lbs. **$6.00**, 100 lbs. **$10.00**, 600 lbs. **$54.00.**

"BLACK LEAF 40" (Sulphate of Nicotine). Highly recommended by spraying experts for destroying aphis, thrips, etc., without injury to foliage; is perfectly soluble in water; no clogging of nozzles. ½ lb. can **85c.**, makes 47 gallons; 2½ lb. can **$3.25**, makes 240 gallons; 10½ lb. can **$12.50**, makes 1000 gallons.

BORDEAUX MIXTURE LIQUID. Very effective in preventing and checking all fungous diseases, such as potato rot, potato blight, rust, mildew and diseases of grape. Full directions on can. Qt. **40c.**, gal. **$1.00**, 5 gals. **$4.50**, 10 gals. **$8.00.**

BORDEAUX MIXTURE DRY. This is put up in convenient form for immediate use; can be used dry or with water. 1 lb. pkg. **25c.**

BUG DEATH. Is a non-poisonous powder, sure death to potato, squash and cucumber bugs, currant and tomato worms; safe to handle; can be applied either dry or in water. 1 lb. **15c.**, 3 lbs. **35c.**, 5 lbs. **50c.**, 12½ lbs. **$1.00**, 100 lbs. **$7.50.**

COPPER SOLUTION. The ingredient Carbonate of Copper dissolved with ammonia, the same as Bordeaux Mixture, it is counteracted by lime water. An excellent spray for fruits when nearing maturity or when plants are in full bloom. There is no sediment left to show color same as Bordeaux. Qt. **50c.**, gal. **$1.50.**

COW COMFORT. Protects cattle and horses from fly pest. A sure preventive, perfectly harmless, easily applied. Its use on milch cows protects the cows from shrinkage of Summer milk. Cow Comfort is applied to best advantage by spraying. Qt. **25c.**, 1 gal. **75c.**, 5 gals. **$3.00.**

Sprayer for applying Cow Comfort, **50c.**

CUT WORM KILLER (Sterlingworth). Produces quick results and the most effective cut worm killer yet introduced. It is non-poisonous to the user or animals. To protect the plants place the killer around the plant when grown in hills, and if grown in rows place the killer on both sides of the rows. Never sprinkle on the plants. It is so alluring to cut worms that they are attracted to it in place of any vegetation. One pound sufficient for 175 plants in hills and for 150 feet of drill. In sprinkler top cans. Lb. **25c.**, 5 lbs. **$1.00**, 25 lb. drum with srpinkler top **$4.00**, 100-lb. paper-lined burlap bags **$12.00.**

CREOSOTE MIXTURE. See Gypsy Moth and Scale remedies, page 163.

FIR TREE OIL. Recommended for destroying the mealy bug, red spider, scale, thrips and green fly, and highly valued as a wash for domestic pets. ½ pt. **40c.**, pt. **75c.**, qt. **$1.25**, ½ gal. **$2.25**, gal. **$4.25.**

FISH OIL SOAP. A very effective, simple and cheap preparation for the preservation of trees, shrubs, plants, vines, rose bushes and garden plants in general, from the ravages of insects. ½-lb. box **10c.**, lb. **15c.**, 5 lbs. **60c.**

FUNGINE. An infallible remedy for mildew, rust, wilt, bench rot and other blights affecting flowers, fruits and vegetables. It is equally effective under glass and out of doors. A sulphur composition which, diluted with water, contains no sediment and does not stain the foliage. One gallon makes 50 gallons spraying material. ½ pt. **30c.**, pt. **50c.**, qt. **75c.**, gal. **$2.00**, 10-gal. keg **$15.00.** Express prepaid: Qt. **$1.15**, pt. **65c.**, ½ pt. **40c.**

GISHURST'S COMPOUND IMPORTED. For destroying red spider, mealy bug, scale, thrips, etc. Box **60c.**, by mail **80c.**

GRAPE DUST. Very efficient in destroying mildews and preventing blights, either in greenhouses or in the open; destroys aphis and black fly. 5 lbs. **35c.**

HELLEBORE. Universally used for the destruction of rose slugs and currant worms. Very effectual and cheap. ½ lb. **15c.**, lb. **25c.**, 10 lbs. **$2.00.**

"IMP" SOAP SPRAY. The base is pure soap. It contains vegetable poisons, harmless to plants, but peculiarly effective against red spider on fruits, etc., the rhododendron fly, rose bug and other insect pests on fruits, flowers and foliage. It sticks, but can be easily washed off before marketing. One gallon (can) makes 12 gallons of spraying fluid. Qt. **55c.**, gal. **$1.65**, 5 gals. **$6.50**, 10 gals. **$12.00.** Specially recommended and very effective in killing the white fly and mealy bug.

KEROSENE EMULSION. Not injurious to foliage, and a pure remedy for lice, scale insects and most soft-bodied insects. Very valuable for washing domestic pets. Kills by contact. Qt. **40c.**, gal. **$1.00**, 5 gals. **$4.50.**

LEMON OIL. The cheapest and one of the most effectual insecticides for cleaning plants of lice, scale, mealy bug, spider, thrips, black and green fly, mites, ants and mildew. Very effective on palms, ferns and rubber plants. Remarkable results are obtained when used on dogs or other animals for flees, skin disease and for relieving mange. Full directions on package. ½ pt. **25c.**, pt. **40c.**, qt. **75c.**, ½ gal. **$1.25**, gal. **$2.00**, 5 gals. **$9.00.**

LIME SULPHUR SOLUTION. See page 163.

NICO-FUME LIQUID. A highly refined solution of free nicotine, containing 40 per cent. nicotine, for spraying as a remedy for aphis, thrips, black and white fly, and also may be used for vaporizing. Full directions on each package. In cans, containing ¼ lb. **60c.**, lb. **$2.00**, 4 lbs. **$7.00**, 8 lbs. **$13.50.**

NICO-FUME TOBACCO PAPER. Consists of a paper saturated with a nicotine solution containing not less than 20 per cent. of nicotine. A most effective mode of fumigation for conservatories and greenhouses, leaving no odor in the flowers. Tight can, containing 24 sheets **$1.00**, 144 sheets (1 gross) **$4.50**, 288 sheets (2 gross) **$8.50.**

NIKOTEEN. Is used either by fumigating or spraying. Pt. bottle **$1.50.**

NICOTICIDE. For destroying green and black fly, thrips, mealy bug, red, spider etc. May be used with the most tender plants in full bloom. In cans.
No. 1, containing 1 pt., sufficient for 32,000 cu. ft., **$2.50.**
No. 2, containing ½ pt., sufficient for 16,000 cu. ft., **$1.25.**
No. 3, containing 4 oz., sufficient for 8000 cu. ft., **70c.**
Fumigators for using the same, **50c.**

PARIS GREEN. More extensively used than any other poison. Purest of all brands. ½ lb. **25c.**, 1 lb. **35c.**, Special price on larger quantities.

PYROX, BOWKER'S. The one best spray for apples, potatoes and general purposes against leaf-eating insects and fungous diseases. This combined insecticide and fungicide is better than Paris Green, Arsenate of Lead or Bordeaux Mixture and cheaper to use. It sticks to foliage like paint in spite of heavy rains. Guaranteed under the National Insecticide Act. Mix with cold water and it is ready to use. 1 lb. **25c.**, 5 lbs. **$1.00**, 10 lbs. **$1.75**, 25 lbs. **$4.00**, 50 lbs. **$7.50** 100 lbs. **$13.50**, 300 lbs. **$38.00**, 500 lbs. **$60.00.**

INSECTICIDES AND FUNGICIDES—Continued

SCALECIDE AND SOLUBLE SULPHUR. See remedies for gypsy moth and San Jose scale below.

SLUG SHOT. A light, composite, fine powder, easily distributed either by duster bellows, or in water by spraying. Thoroughly reliable in killing currant worms, potato bugs, cabbage worms, lice, slugs, sow bugs, etc., and it is also strongly impregnated with fungicides. 5-lb. pkg. **30c.**, 10 lbs. **50c.**, keg (125 lbs.) **$5.65**, bbl. (235 lbs.) **4½c.** lb.

SOAP. SULPHO TOBACCO. The most convenient form of tobacco as an insecticide for general use, and most effectual as a contact poison for insects infesting both plant and animal life. Applied either as a spray or a wash. 3-oz. pkg. **10c.**, ½ lb. **20c.**

SULPHUR. Prevents mildew on grape vines, bushes, etc. Lb. **10c.**, 5 lbs. **40c.**

THOMPSON'S STYPTIC (Imported). To prevent grape vines bleeding. Directions on bottle. **$1.25.**

TOBACCO DUST. Valuable as an insecticide and fertilizer. Sure preventive for green fly, and better as a mulch than the stems. Fumigating kind, 100 **$3.50.** Dusting kind, 100 **$3.50.**

TOBACCO STEMS. For fumigating. Valuable as a mulch for rose beds, sweet peas and other plants. Bbl. **$1.00**, bale **$1.50.**

TO-BAK-INE FUMIGATING PAPER. Is an especially prepared paper thoroughly saturated with pure nicotine, making a most powerful insecticide. Boxes of 24 sheets **$1.00**, 144 sheets **$4.50**, 288 sheets **$8.00.**

TO-BAK-INE LIQUID. Is a concentrated solution of pure nicotine for spraying or vaporizing. ¼-pt. can **75c.**, ½-pt. can **$1.35**, pt. can **$2.50**, ½ gal. **$9.00**, 1 gal. **$17.50.**

TREE TANGLEFOOT. See remedies for gypsy moth and San Jose scale.

VERMINE. A soil sterilizer and germicide for all oil vermin, such as cut, eel, wire and grub worms, slugs, root lice, maggots and ants. Used in the greenhouse, garden and field. One part Vermine to four hundred parts water, thoroughly soaking the ground, does its work effectively without injury to vegetation, and protects your crops and lawns against the ravages under the soil. Prices: Gill **25c.**, ½ pt. **40c.**, pt. **65c.**, qt. **$1.00**, gal. **$3.00**, 5-gal. keg **$12.50.** Express prepaid: Qt. **$1.25**, pt. **75c.**, ½ pt. **50c.**

STERLINGWORTH WEED KILLER. Compounded especially for use on walks, drives, tennis courts, golf links, etc. It is a dry powder, to be dissolved in water. When applied to vegetation it completely destroys all kinds of weeds, grass. Full directions on each package. 1-lb. pkg. makes 15 gals., covers 45 to 60 sq. yds., **50c.** 5-lb. pkg. makes 100 gals., covers 300 to 400 sq. yds. $2.00.

X L ALL, RICHARD'S LIQUID INSECTICIDE. Destroys mealy bug, red spider, etc. Pt. **65c.**, qt. **$1.00**, ½ gal. **$1.75**, gal. **$3.25.**

X L ALL, RICHARD'S VAPORIZING COMPOUND. A safe, cheap, effectual material for the destruction of insects in greenhouses. Costs **25c.** per 1000 cubic feet. Bottle, sufficient for 20,000 cubic feet, **$4.50**; sufficient for 40,000 cubic feet, **$8.00.** Vaporizing fumigator for same (Richard's), **$1.10.**

REMEDIES FOR GYPSY MOTH AND SAN JOSE SCALE

CREOSOTE MIXTURE. Recommended by the Massachusetts Gypsy Moth Commission. Is sure death to the eggs of the gypsy moth, tussock moth, and similar insects. Qt. **25c.**, gal. **50c.**, 5 gals. **$2.00.**

CONCENTRATED LIME-SULPHUR (Bowker's). Kills San Jose Scale, bark lice, etc., and spores lodged on the bark. Needs only to be diluted with cold water and applied while the trees are dormant before the buds show green at the tips in the Spring. One gallon makes 10 gallons of spray. 1 gal. **75c.**, 5 gals. **$2.25**, 10 gals. **$4.00**, 25 gals. **$6.50**, 50 gals. **$12.00**, 100 gals. special price.

SOLUBLE SULPHUR. Used in place of lime and sulphur, is a dry preparation. Will keep indefinitely in any climate; does not crystallize; does not burn; sticks like paint. Will control San Jose scale in four days. Controls aphis and fungus at same time. Put up in cans. 1 lb. **20c.**, 5 lbs. **75c.**, 10 lbs. **$1.35**, 25 lbs. **$2.75**, 50 lbs. **$4.50**, 100 lbs. **$7.50.**

SCALECIDE. Sure death to the San Jose scale. A soluble petroleum spray for use in orchards. It is economical, effective, and acts as a fungicide. Qt. **40c.**, gal. **$1.00**, 5 gals. **$3.25**, 10 gals. **$6.00**, 30 gals. **$15.00**, 50-gal. bbl. **$25.00.**

TREE TANGLEFOOT. A safeguard for trees, shrubs, etc., against the gypsy moth and canker worm. It should be applied before the foliage appears, a continuous band 2 inches in width and 1-16 to 1-8 inch in thickness being put around the trunk of the trees 3 or 4 feet from the ground. Perfectly harmless, remains sticky. 1-lb. cans **30c.** each, **$2.75** doz. cans; 3-lb. cans **85c.** each, **$7.65** doz. cans; 10-lb. cans **$2.65** each, **$25.00** doz. cans; 20-lb. cans **$4.80** each, **$46.50** doz. cans. Write for price on larger quantities.

MOSQUITO OIL

For oiling Mosquito-breeding Pools. A very effective remedy for getting rid of Mosquitoes.

Where mosquito larvae or wrigglers are found in any pool, they may be killed in a few minutes by spreading a film of oil over the surface of the water. It is necessary for the larvae to come to the surface about once each two minutes to breathe, and the oil not only prevents the air from entering their respiratory system, but the oil also enters their breathing tubes, destroying the tissues, and they soon die.

The oil must be applied about once each ten days to keep the pool in a safe non-breeding condition. For this purpose our Mosquito Oil has been recommended for this work.

In Midsummer the tall vegetation often obscures many small breeding places, and likewise makes it difficult to distribute the oil on the surface of the water, where needed—most of it striking the vegetation.

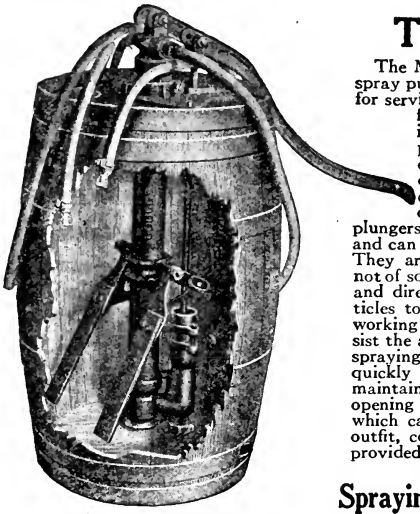
A convenient method of applying oil is by means of small compressed air sprayers with cylinders of galvanized sheet iron. Each cylinder contains a pressure pump and will hold about two and one-half gallons of liquid. It may be carried in the hand or held by a strap thrown over the shoulder. Such an outfit as the Lowell Sprayer recommends itself very highly.

Where large areas are to be treated, barrels of oil should be distributed at various convenient points, in or around the marsh.

The amount of oil to be applied is one fluid ounce to each fifteen square feet of water surface. A less quantity will often fail to kill the wrigglers. One gal **40c.**, 10 gals. **$2.75**, bbl. (50 gal.) **$7.00.** 10-gal. cans returned, express prepaid, will be credited 75c.

HAND SPRAYER, for using the Mosquito Oil. See page 165.

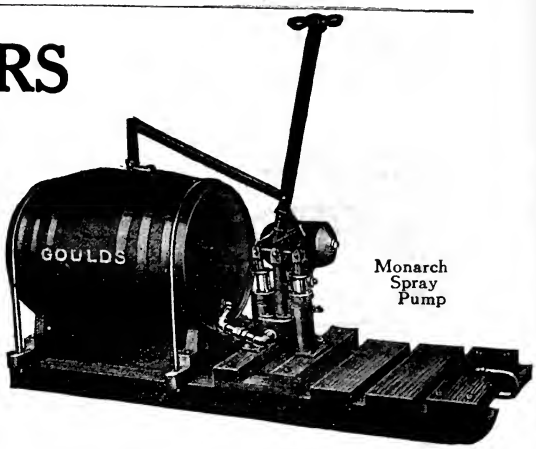
TREE SPRAYERS



Pomona Spray Pump

The Monarch

The Monarch is a two-cylinder hand spray pump of large capacity, suitable for service in orchards that are too large for a barrel sprayer, and where it is not advisable to purchase a power sprayer. The two plungers are operated by a single lever; this lever is removable, and can be used in either a vertical or horizontal position. The plungers are packed from the outside, and can be repacked easily and quickly They are made of solid cast bronze—not of soft tubing. The ports are large and direct, permitting all gritty particles to pass through the valves. All working parts are of bronze and will resist the action of the chemicals used in spraying. The valves are reached for inspection through valve covers which can be removed quickly and easily. This pump is provided with an air chamber of large capacity, which will maintain the pressure for some time after the pumping has been stopped. There is a discharge opening on each side, and the capacity of the pump is such that it will supply four leads of hose, which can be connected to the two discharge openings with a brass "Y." A complete portable outfit, consisting of the pump, barrel with agitator and operator's platform, all mounted on skids, provided with whiffletree ring. **Price, $38.00.**



Monarch Spray Pump

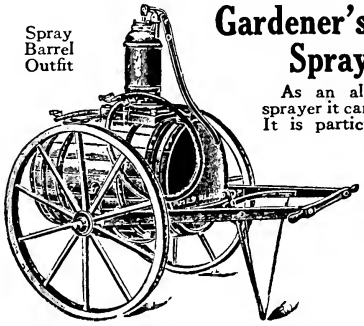
Spraying Outfit, Barrel, Cart and Pump

Complete, including cart, barrel and double acting perfect barrel spray pump, with 1 in. suction pipe. Strainer, two pieces, ½ in. discharge hose, each 5 ft. long; two Vermorel nozzles and jet agitator. **Price, $24.00.**

Pomona Spray Pump

The Pomona has sufficient capacity to supply two leads of hose and four nozzles. The plunger, plunger connection, gland, valves, valve seats and strainer are of solid bronze. All working parts are simple and so located that they can be easily removed and cleaned. The air chamber is of steel and has a large capacity, making it easy to maintain the pressure and giving smooth operation. The lever can be adjusted for a 3, 4 or 5 in. stroke, the adjustment being obtained by removing and replacing a single bolt. The agitator is very simple but effective, and is operated by the pump lever.

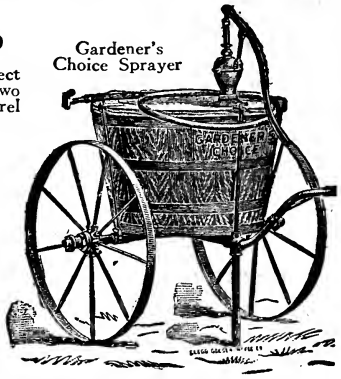
Price, Barrel and Pump complete (without hose or nozzle), **$17.50. Pump without barrel, $14.00.**



Spray Barrel Outfit

Gardener's Choice Sprayer

As an all-round utility sprayer it cannot be beaten. It is particularly adapted for both the garden and greenhouses, also for orchard use. Pump has 1¾ in. brass cylinder, brass ball valves, brass seat and cage, brass plunger and our special plunger packing. Agitator twin paddle type, simple and effective; stirs the liquid thoroughly. Tank and Cart: wood tank with steel hoops and hinged wood top. Leg, tongue and handle of wrought pipe. Metal wheels, diameter 24 in.; 2 in. tires. Hub-to-hub measurements, 33 in. Height to top of tank, 30 in. Six ft. of ½ in. discharge hose and our incomparable Bordeaux nozzle are furnished. Weight, packed for shipment, 125 lbs. **Price, $17.00.**

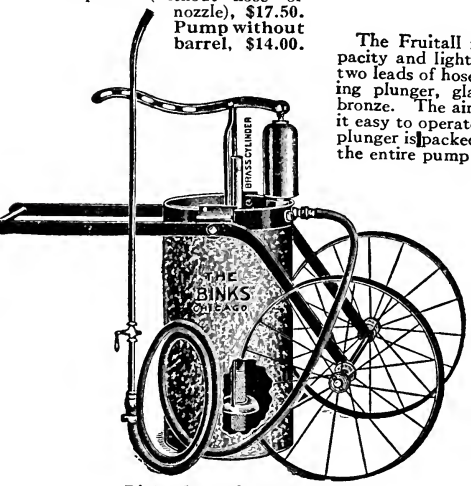


Gardener's Choice Sprayer

The Fruitall

The Fruitall is extremely simple in design, of smaller capacity and lighter in weight than the Pomona. It will supply two leads of hose and two nozzles. All working parts, including plunger, gland, valves, valve seats and strainer, are of bronze. The air chamber is large. The lever is long, making it easy to operate the pump and produce high pressure. The plunger is packed from the outside, so it is not necessary to take the entire pump apart to repack it. A wing agitator is used, similar to that used with the Pomona. The pump is fitted for mounting on the end of the barrel only, where it is held in place by an adjustable clamp which fits over the end of a stave. It is also anchored to the bottom of the barrel.

Price, Barrel, Pump and Agitator, complete, $12.50. Pump without barrel, $9.00. (Hose and Nozzle extra.)



Binks General Purpose Sprayer

Binks Sprayer

Useful on account of using in narrow passage ways, especially in greenhouses and on lawns. Galvanized tank holds 12 gallons. Will successfully apply insecticides or whitewash. Complete with 10 feet ½-in. hose and couplings, spray pipe with ¼-in. cock and nozzle. **Price, $14.00.**

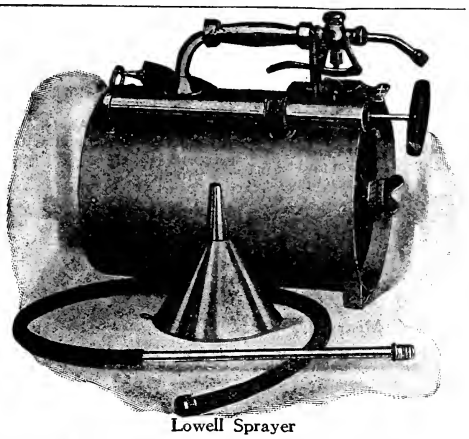
The Fruitall

HOSE, SPRAY NOZZLES AND EXTENSION RODS. See page 166.

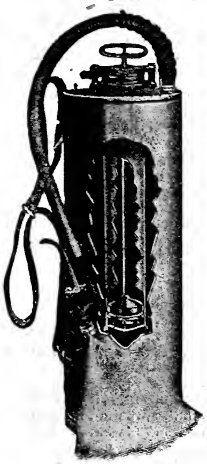
Compressed Air Sprayers

LOWELL SPRAYER. The best compressed air sprayer for florists' use in greenhouses. All of the tobacco extracts can be used to best advantage with this sprayer. It is both automatic and positive in its action. One charge is sufficient to expel its entire contents. Each sprayer is thoroughly tested with both air and water pressure before leaving our factory. Having convex heads, entire contents can be drained from machine, leaving it perfectly dry when not in use. Heads after being seamed and riveted are dipped into molten solder, making it absolutely air-tight and the strongest air pressure sprayer made, standing five times the air pressure necessary to operate. Tree attachment, consisting of three feet of ⅜-inch three-ply C. I. Rubber Tubing with spray nozzle one foot long, for small tree and shrub spraying; funnel with brass wire strainer cloth for filling, and shoulder strap for carrying furnished with each machine, also attachment to spray the underside of leaves. Capacity of tank, three gallons.

Galvanized steel, $5.00 each; brass, $7.50 each. Complete.

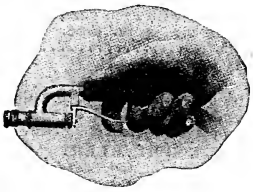


Lowell Sprayer



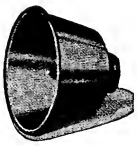
The Auto Spray

Extension Pipe



Auto Pop Spray Nozzle

Elbow Extension



Strainer for Auto Spray

THE "AUTO SPRAY" works automatically for six to fifteen minutes, according to the nozzle opening. Has a capacity of four gallons. Eight to twelve strokes of the plunger will compress the air, and two pumpings will discharge the entire contents. Three gallons of solution or one charge will easily cover one-half acre of potatoes or other similar crop.

Galvanized iron tank, $5.00; brass tank, $7.25.
Fitted with Auto-Pop Nozzle.

Auto-Pop Spray Nozzle. Simply closing the hand operates the lever, opens the valve. The lever closes automatically; the spray is in perfect control.

Price, $1.25 each.

STRAINER FOR AUTO SPRAY. The funnel part is made of copper; the strainer is of brass wire-cloth.

Price, 90c. each.

EXTENSION PIPE. Solid brass, two feet long.

Price, 45c.

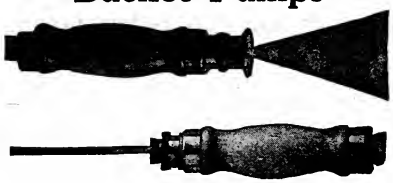
ELBOW EXTENSION. Made of heavy brass, used in connection with extension pipe for spraying cucumbers and low growing vines.

Price, 30c.

SIMPLEX SPRAYER. Is a most practical sprayer. Every machine is guaranteed to give perfect satisfaction when properly used, and any one failing to do so within ten days will be taken back, and a new one replaced or money refunded. The tank is made of either brass or galvanized iron; the brass tank is recommended because it will not rust or corrode. Capacity of tank is 3½ gallons. Where the air enters the tank there is a tongue stamped from the metal which the air strikes against for every stroke with the pump. This gives the air and liquid a rotary motion around the bottom of the tank which agitates any liquid thoroughly.

Simplex Sprayer, No. 1. Brass Tank. **Price, $6.75.**
Simplex Sprayer, No. 2. Galvanized Tank. **Price, $5.00.**
Simplex Double Nozzle. For two rows. **Price, $1.50**

Bucket Pumps



Standard Spray Pump

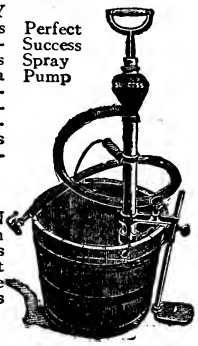
STANDARD SPRAY PUMP. Is in reality simply a very carefully designed and accurately made "Squirt Gun," provided with a proper outfit of nozzles. Its plan of operation is slightly different from other types of spraying apparatus, since the hose is used on the suction end instead of the discharge end. This makes it possible to use the pump with a bucket, barrel, tank or knapsack, depending upon the number of trees or the kind of spraying to be done. For bucket use a 3½ ft. length of hose is supplied. To use it with barrel or tank for a large orchard, a longer hose up to 25 or 30 feet is desirable. **Warranted for five years.**

The Standard, with 3½ ft. hose and full set nozzles, each $4.50.

Johnson's Champion Force Pump

PERFECT SUCCESS SPRAY PUMP. Brass working parts and air chamber with indestructible bronze valves; is double acting, throwing a continuous stream. Malleable iron foot rest. The Bordeaux nozzle, the best combination nozzle on earth, is furnished with Perfect Success Pump.

Price, $4.50.



Perfect Success Spray Pump

JOHNSON'S CHAMPION FORCE PUMP. Made in a most durable manner; has a sprinkler and straight stream nozzle and rubber hose attached; throws six gallons of water per minute.

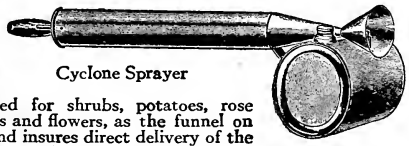
Price, $4.50.

Hand Sprayers

Climax Sprayer

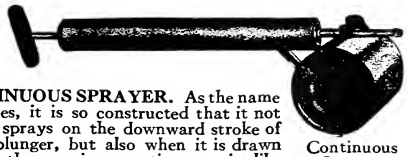
CLIMAX. It will spray upward or downward, which is convenient in a great many cases. It is made of heavy tin, with double brass tubes and produces a fine mist spray.

Heavy tin, 50c.



Cyclone Sprayer

CYCLONE. As it throws a finer spray and uses about one-tenth as much liquid as others, it is specially adapted for shrubs, potatoes, rose bushes and flowers, as the funnel on the end insures direct delivery of the spray. **All brass, 75c.; heavy tin, 50c.**



Continuous Sprayer

CONTINUOUS SPRAYER. As the name implies, it is so constructed that it not only sprays on the downward stroke of the plunger, but also when it is drawn back, thus causing a continuous mist-like spray. **Tin, 75c.; brass, $1.50.**

LITTLE WONDER SPECIAL. Used more particularly in houses for applying germicides and disinfectants, as its size makes it handy, and the drip catch prevents any possible chance of spoiling carpets, furniture or wall paper. **All tin, 50c.**

Bordeaux Nozzle

Hose Nozzle Connection and Spray Attachment

Nozzle Coupling and Hose Stock

Angle Attachment

Hose and Nozzle Connection

Mistry, Jr.

Vermorel Nozzle

Friend Sprayer

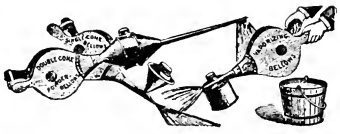
Brass Syringe

Rubber Plant Sprinkler

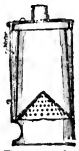
Kinney Pump

G H 2 A
Brass Syringes

Asbestos Torch


Woodason's Bellows for Powder and Fluid

French Bellows


Perfection Fumigator

Dickey Duster

Fumigator Eureka

Brownie Duster

Blow Powder Sprayer

Insect Powder Bulb

Fumigator Defiance

Electric Exterminator

SPRAYERS—Continued

INSECTICIDE SPRAY NOZZLES

Price

Bordeaux Brass Nozzle. Throws a fine, medium or coarse spray, or can be shut off altogether; easily disgorged; the best all-round spray nozzle made. Price.....$1.00

Double Spraying Attachment. For using two nozzles at the same time, 40c. Underspraying, Angle attachment..... .25

Friend. One of the best recommended nozzles for tree spraying, etc. Angle spray, each $1.00; straight spray, each.....1.00

Hose and Nozzle Connection. For ½ in. or ¾ in. regular hose coupling. Small end threaded ¼ in., takes any of our nozzles. Price .25

Nozzle Coupling and Hose Stock. ¼ in. pipe thread, either end for either ¾ in. to ½ in. hose. Price..... .25

Nozzles for Regular Hose Use. See page 171.

The Mistry Jr. Brass with hardened steel disc placed in discharge cap, easily removed. It is entirely satisfactory under all conditions, producing a perfect mist and covering a wide area. A coarse and fine disc supplied with each nozzle. Each.....1.50

Vermorel. Cut for ¼ in. pipe. Three sprays $2.75, two sprays $2.00, one spray.....2.75

EXTENSION RODS.

Bamboo. 8 ft.–10 ft. Price.....4.25

Iron. 8 ft. long, made of ¼ in. pipe fitted with brass stop cock on one end and threaded on other end to fit nozzle; has hand shield to protect operator. Price.....2.25

RUBBER PLANT SPRINKLER. Made of rubber, with flat bottom and a finely perforated, detachable brass top. Very useful in bouquet-making and window gardening for sprinkling, and for all purposes where a fine spray is desired. Angle neck, $1.10 and 90c. each. Straight neck, three sizes, each $1.00, 75c. and..... .60

SOAP MIXER. Universal. Heavy brass. Price.....5.00

SYRINGES

Brass Syringes. All our syringes are brass, highly polished and lacquered and made with the best workmanship possible.

A. Barrel 12 in. long, 1 spray and 1 stream jet 2.50

2. Barrel 13½ in. long, 1 coarse and 1 fine spray.....4.50

10. Barrel 18 in. long, 1 coarse and 1 fine spray, rose and stream jet with patent valves, elbow joint.....6.50

G. Barrel 16 in. long, 1 spray rose and 1 stream jet and elbow joint..5.00

H. Barrel 18 in. long, sheet brass, 1 spray rose.....3.00

11. Same as No. 10, without valve 5.50

TORCH, Asbestos. May be attached to any pole of suitable length. Saturate with kerosene oil, light and hold under the caterpillars' nests and pass quickly along the branches and around the trunk of the tree where the insects lodge. The heat instantly destroys the insects and will in no way injure the tree. Price, each..... .25

BELLOWS, DUSTERS AND FUMIGATORS

BELLOWS.

French. For applying sulphur, hellebore, etc., to plants. No. 2...2.00
No. 1.....1.50

Woodason's Double Cone Powder. For dusting plants with dry powders for insects and fungus. This double cone bellows can be held in any direction without wasting powder, as it regulates its own supply, and it does not clog up, dusting under the leaves as well as on top. The best article ever invented for destroying insects in the conservatory, garden, orchard or field. Price.....3.25

Woodason's Single Cone. Price, large size.....2.25
Small size (for conservatory and home use).....1.25

Woodason's Fluid Vaporizing. For spraying plants with fluid decoctions for insects and fungus. This throws a spray as fine as mist, rendering the use of strong solutions perfectly safe on tender foliaged plants. It forces the fluids into every crevice, without using half the quantity required by syringe or sprinkler. Price, large size, $2.25; small size (for home use).....1.50

Electric Exterminator. Will throw the dust up under the foliage, down into the plant or out straight. Similar to bellows. Price....1.00

Insect Powder Bulbs. Made of rubber. Each.....1.00

DUSTERS.

Dickey. An excellent article for using Bug Death, Slug Shot, etc. Each..... .25

For Paris Green. Bottoms finely perforated for applying Paris Green mixtures and Slug Shot. Each..... .15

Champion. For applying any dry powder such as Paris Green, hellebore, etc., on plants or trees, the powder being evenly distributed over a wide space and with the least possible waste. Each.8.00

Little Giant. Very similar to Champion, only smaller. Price....6.00

Brownie. Smaller than Little Giant. Each.....4.00

Blow Powder Sprayer. The powder can holds one quart and the sprayer has an aluminum finish. Each..... .75

FUMIGATORS.

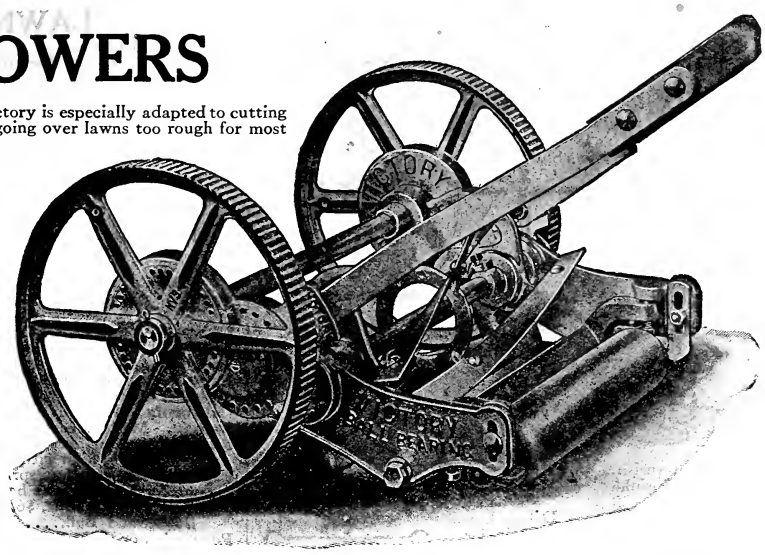
Defiance. For using Nicoticide, Nico-Fume, To-Bak-Ine in the liquid form. This fumigator has a cup for the liquid, placed on the lamp to vaporize. Each..... .50

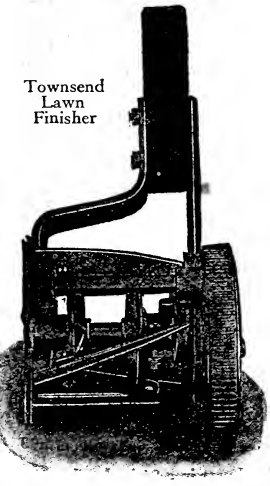
Eureka and Perfection. Perfection contains a water tank; this tank being between the fire and the outside body, it prevents the body from burning out.

	Perfection	Eureka
No. 1 holds 1 pk. stems	$3.00	$1.25
No. 2 holds ½ bus. stems	3.50	1.75
No. 3 holds ¾ bus. stems	4.25	2.25
No. 4		3.25

LAWN MOWERS

VICTORY BALL BEARING. While the Victory is especially adapted to cutting fine lawns, its long wheel base adapts it to going over lawns too rough for most mowers. Its compound triple gear permits of the maximum strength with the minimum weight. These gears are entirely enclosed so that no dirt or cut grass can get into the pinions and clog them. It has a 10-in. wheel, 5½-in. reel, 4 blades, crucible steel, oil tempered; lower blade is also crucible steel, oil tempered. Of the many mowers of all makes that we repair during the year, this mower comes back with its working mechanism the cleanest. **Prices, 14 in., $8.50; 16 in., $9.50; 18 in., $10.50; 20 in., $11.50.**





Townsend Lawn Finisher

TOWNSEND'S LAWN FINISHER. For trimming and finishing lawns and borders. Quicker and easier than trimming by hand, producing equal results. Will cut within one-quarter inch of buildings, fences and curbings, and especially adapted for narrow borders around flower beds, shrubbery and hedges. (Ask for circular.) 6¾ in. wheels, 5½ in. reel, 3 blades, width of cut 5 in., crucible steel, tempered. **Price, $4.50.**

GOLF WONDER. Ball bearing. This mower will cut putting greens, golf courses and other smooth and fine lawns better than any other mower made; it was designed especially for that purpose; no wheels to tear up the sod in turning or to leave tracks. The weight of the front part of the machine is carried on a wooden roller, 6½ in. in diameter, at the rear of the cutter bar. Reel 4 in. diameter, 7 knives, lower knife, Coes laid blade, glass hard.

Prices, 16 in., $21.00; 18 in., $22.50; 20 in., $24.50.

Golf Wonder

TOWNSEND HORSE LAWN MOWER. Its special features are: triple rolls with triple pawls in each roll, making the most powerful and instantaneous driving mechanism ever put in a lawn mower. This feature maintains the motion of the blades even in turning sharp corners. A lever beside the driver enables him to cut any height from the ground and to easily and quickly raise the blades over stones or other obstructions without stopping the horse or leaving the seat. Large rolls 15 in. in diameter insure great power and ease of movement. **Prices, 30 in., $68.00; 35 in., $80.00; 38 in., $90.00, f. o. b. factory.**

PHILADELPHIA, STYLE K. Five blades, 10 in. wheel, 6½ in. cylinder. Single pinion, geared on both sides. For all-round general purposes this is one of the best style mowers on the market. With its high wheels it runs light, and with five knives it cuts smooth and even, with the principles of construction so evenly balanced that it has the greatest amount of durability. **14 in., $7.00; 16 in., $7.75; 18 in., $8.50; 20 in., $9.25.** Philadelphia Grass Collector (extra), **14 in., $1.60; 16 in., $1.70; 18 in., $1.80; 20 in., $1.90.**

PHILADELPHIA, STYLE E. 4 blades, 10-in. wheel, 6½-in. cylinder, train of 3 gears, double wheel. One of the lightest draft mowers manufactured; made of iron and steel. It has one special point of excellence over other mowers of this style, which consists in removing the box caps to the cylinder cutter, and removing the cutter without disturbing the frame of the mower; it therefore has a solid frame, with little trouble in case of repairing same. **15 in., $9.00; 17 in., $10.00; 19 in., $11.25; 21 in., $12.50.** Philadelphia Grass Collector (extra), **15 in., $1.70; 17 in., $1.80; 19 in., $1.90; 21 in., $2.00.**

APOLLO LAWN SWEEPER. The greater part of the beauty of a lawn is hidden by an accumulation of dead grass, stable manure, leaves, twigs and dirt, heretofore impossible to remove. The revolving brush of the Apollo Lawn Sweeper removes all these, and promotes the growth of turf and grass. **24-in. sweep, $9.00.**

OIL FOR LUBRICATING LAWN MOWERS, ETC. In oilers, **20c.**; by the quart, **25c.**; by gallon, **75c.**

GRASS CATCHER. The E. Z. Catcher will fit every size of mower and consists of a galvanized iron bottom with canvas sides and back. The 16 in. will fit all sizes from 12 to 16 in. 20 in. fits all sizes from 18 to 22 in. **Price, $1.50.**

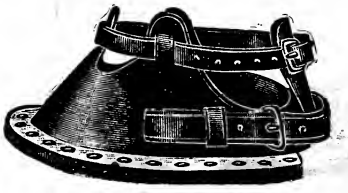
LAWN MOWER REPAIRING. We employ only practical men to attend to this work, those who thoroughly understand their business, and we guarantee all machinery repaired by us to give satisfaction.

HORSE LAWN BOOTS. For use on Golf Links, Tennis Courts and fine lawns.

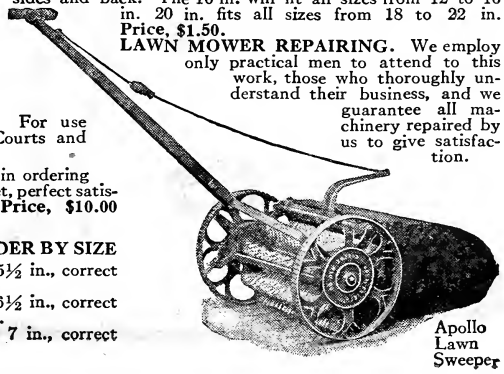
Where care is exercised in ordering by size to fit the horse's feet, perfect satisfaction will be found. **Price, $10.00 per set of four.**

NOTICE—HOW TO ORDER BY SIZE

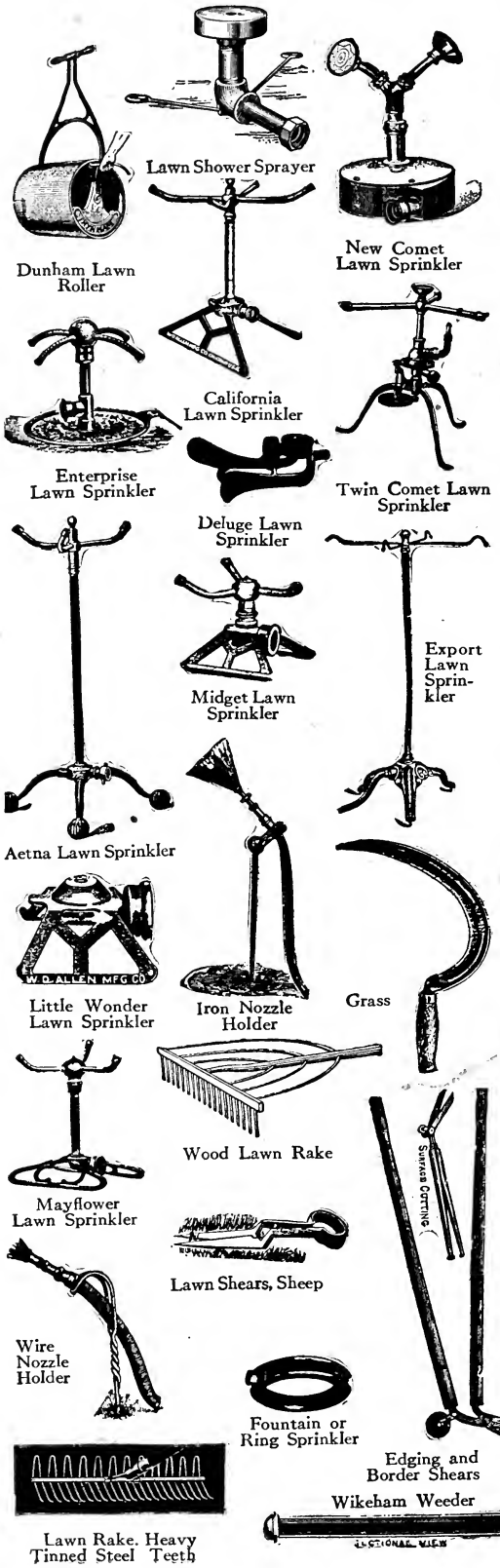
No. 2 boot measures inside 5½ in., correct size for No. 2 horseshoe.
No. 4 boot measures inside 6½ in., correct size for No. 4 horseshoe.
No. 6 boot measures inside 7 in., correct size for No. 6 horseshoe.



Horse Lawn Boots



Apollo Lawn Sweeper



LAWN REQUISITES

LAWN ROLLERS.

Dunham Roller Bearing. They have automobile roller bearing axles and are 44 per cent. easier to operate than any other lawn roller—proved by actual tests. Cost no more than the ordinary rollers. Dunham Water Weight Rollers are electric welded—no rivets are used.

With Counter-Balancing Handle Weights

No.	Diam. In.	Length In.	Sec.	Wt. Empty	Filled with Water	Filled with Sand	Price
HW2	14	20	1	120	260	360	**$11.50**
HW4	18	24	1	135	360	560	**14.50**
HW6	24	24	1	185	560	860	**18.50**
HW8	24	32	1	200	710	1060	**20.50**
Without Counter-Balancing Handle Weights							
WB3	14	20	1	60	200	300	**10.00**
WB5	18	24	1	75	300	500	**13.00**
WB7	24	24	1	125	500	800	**17.00**
WB9	24	32	1	140	650	1000	**19.00**

LAWN SPRINKLERS

Aetna. Is a most attractive sprinkler for the lawn. Stands 20 in. high; has four arms. Price.....1.50

Baby Fountain or **Ring Sprinkler.** About one-half the size of the regular Fountain sprinkler. Price..... .50

California. Has four arms. Price.....1.25

Deluge. Made of cast iron. Each..... .50

Enterprise. An attractive sprinkler, tinned and nickel plated. Twelve inches high with four curved arms. Price, each.....3.50

Export. The showiest sprinklers. Wire baskets can be attached to same for catching the ball. Height 44 in., fitted with four nickel arms. Price, 6 arms, **$6.00**; four arms, price.....5.00
Basket and Ball.....1.00

Fountain, or Ring Sprinkler. Made of heavy brass. Each..... .75

Jones' Combination. With 3 ft. extension, making sprinkler 6 ft. high, spraying 30 to 40 ft. in diameter. Price.....4.50

Lawn Shower Sprayer. Will throw an even spray over 25 ft. in diameter at a water pressure of 40 lbs. Price.....2.00

Little Wonder. The best cheap sprinkler. Price..... .25

Mayflower. 3-arm sprinkler. 9 in. high. Price.....1.00

Midget. Stands only 4 in. high. Price..... .75

New Comet. The two sprays can be set upright, or at any angle, throwing a fine spray over a space from 5 to 25 ft. in diameter, as desired. By removing one of the sprays, a large stream is thrown, covering a space from 40 to 50 ft. in diameter, according to the water pressure. Price.....3.50

Twin Comet. The body of sprinkler is made in two parts, and by means of the swiftly revolving arms and intermediate gears the upper half is made to revolve slowly, carrying the hose nozzle, from which a full stream of water is thrown far out beyond the sprinkle of the arms. Price.....5.00

RAKES.

Heavy tinned. Steel teeth. 24 teeth closely set in a 21-in. head.. .50

Lawn. Wood; best selected; 3 steel bows..... .50

SHEARS.

Edging and Grass Border. 10 in. blade **$3.00**, 9 in. blade **$2.50**. With wheel, 10 in. blade **$3.50**, 9 in. blade.....3.00

Edging Knife. Half Moon with handle, **50c.** See page 170.

Edging Knife. Rotary 9 in. blade, **$1.50.** See page 170.

Grass Hooks. Adjustable **50c.**, English **45c.**, American.....-.25

Grass Shears. Best American, patent black handle..... .25

Grass Shears. Guaranteed sheep shear quality..... .75

Grass Shears, Surface Cutting. For cutting under shrubs and fences, with 2 wheels. 9 in. blade.....3.00

WEEDER, Cleveland. Chisel blade; cuts off roots and the trigger holds them so they can be pulled out ..... .65

WEED KILLER, Climax. Tin No. 2 (enough to make 100 gals. liquid) **$3.00**; Tin No. 1 (enough to make 25 gals. liquid).....1.50

WHEELBARROW and Leaf Rack Combined. The new device for collecting weeds and litter; it fits on any wheelbarrow, by fastening to the sides. It is made of galvanized wire, bolted to wooden posts. Capacity 10 bus. Price.....4.50

WIKEHAM DANDELION KILLER. For using Climax Weed Killer preparation. Pierce the point of the eradicator into the crown of the dandelion and the root is forever destroyed without the least injury to the grass. Price.....4.00

COMBINED TRUCK, Hand Cart, Leaf Rack, Barrel and Sprinkler Attachment. When you consider the almost innumerable uses to which our combined hand cart can be applied, its "handiness" and immense amount of time and hard labor saved by its use, you will wonder how you ever did without it. Barrel, Hand Cart Box, Leaf Rack, all easily attached.

Truck with 1½ in. tire..**$7.00**	Barrels....	All will attach to truck	**$3.50**
Truck with 2½ in. tire.. **7.50**	Box for cart		**3.25**
Truck with 3½ in. tire.. **9.75**	Leaf rack..		**5.50**

Sprinkling attachment for barrel.....3.50

Combined Truck, Hand Cart, Leaf Rack, Barrel and Sprinkler

BARRIE FORCING FRAME

Under these frames Corn, Cabbage, Cauliflower, Lettuce, Cucumbers, Tomatoes, Melons, Egg Plant, etc. as well as all tender flowers, can be started and grown in the open ground and brought to maturity much earlier than usual.

The frames placed over Rhubarb or other permanent plants, either vegetable or flowers, greatly hasten their maturity in the Spring.

Lettuce, etc., can be grown under or protected by the frames through the late Fall.

Excellent for the starting of tender flower and vegetable seeds for transplanting into the open ground.

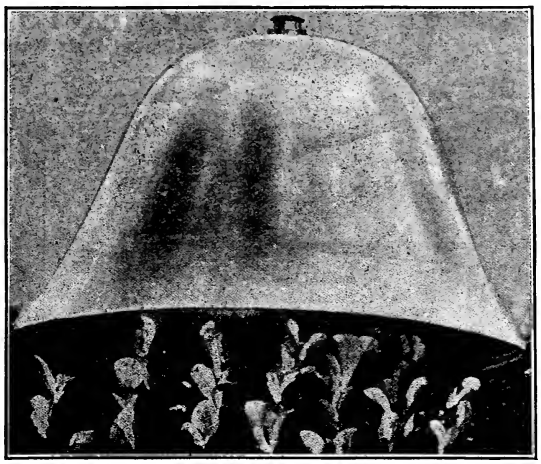
The frames also protect their contents from the ravages of the cutworm.

Placed over bulbs in the Spring, in the small garden, blooms of greater perfection may be had much earlier than usual.

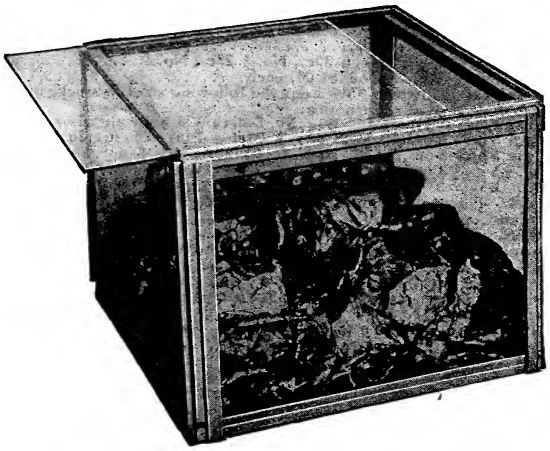
The frames are constructed of tinned iron, thoroughly protected from rust by a special painting process, and can be instantly set up or taken apart without the use of tools.

Any light of glass can be easily replaced, in case of breakage, without taking the frame apart, and the top glass slides open for ventilation.

The metal frame weighs two pounds, without the glass, and is absolutely strong and rigid. The glass consists of four panes 10 x 12 inches and pane 12 x 13 inches, standard sizes, easily obtainable anywhere.



French Bell Glass



Lettuce growing and heading under a Barrie Forcing Frame

To assemble fit the corners of the top and bottom squares into the slits in the ends of the posts. Pass the stay rods, bent end up, through the holes in the squares, inside the posts. Attach nuts and tighten slightly. Slip in the glass and the frame is complete.

Carefully packed, knocked down, in heavy corrugated cartons, each containing six frames and glass complete.

Price, $1.35 each, $7.50 per six, $15.00 per doz., 60 for $69.00, 96 for $105.00.

FRENCH BELL GLASSES

For growing all kinds of early vegetables or flowers out of doors and under individual miniature greenhouse. The plants are started early and transplanted out of doors. One of these Bell Glasses placed over them in the day time, amounting to a miniature greenhouse, will protect them at night from the frost. It is a common sight in France among the private estates to see 50 to 100 of the Bell Glasses scattered over the gardens, protecting plants in different stages. Heretofore we have always imported these from France. The transportation breakage has always been a drawback. This year we have made arrangements with a large glass manufacturer to have these made here and we are prepared to fill all orders promptly and ship from Boston or factory, thus insuring practically no breakage.

Each $1.25, per doz. $12.00.

HOTBED SASH (3 x 6 ft.)

DOUBLE GLASS. Two layers of glass with the dead air space enclosed between, without boards or any covering, are warmer by night than the single layer sash with boards or mats; the warmth stored in the beds from the sun is held so effectively through the night, by the air space between the two layers of glass, that even in zero no covering or uncovering of the double glass sash is necessary. All plants in hotbeds and coldframes are improved by the constant light, night and day, that reaches them through the two layers of glass. These sash are made of the best cypress and are thick and strong. They are all painted two coats and glazed. **Price, $4.75 each, 5 sash for $22.50, 10 sash for $42.50.** Larger quantities and carload lots on application.

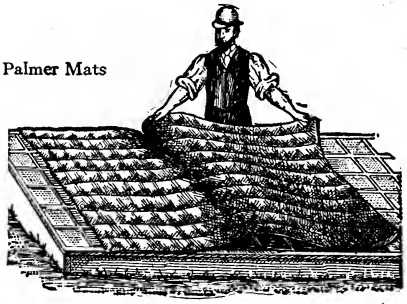
OUR REGULAR STOCK SASH. These are well made from very best quality and thoroughly seasoned lumber, free from knots and imperfections. Glazed with double thick glass, painted two coats, size 6 x 8 in. glass, **$3.50 each.** Glazed double thick, painted two coats, size 8 x 10 in. glass, **$3.50.**

SASH, UNGLAZED. Same as above. 1¾ in., 3 x 6 ft., **$1.50 each.**

SLANTING TOP SASH. Makes early gardening possible; made with double glass is the secret of success; it lets the light and heat in; it keep the cold out. The air between the two layers of glass spaced apart protects from extreme heat and cold Smallest size fits over an ordinary bushel box. No. 1, 19 x2 1 in., **$2.00**; No. 2, 19 x 42 in. **$3.75**; No. 3, 19 x 63 in., **$5.00.**

HOTBED MATS

Palmer Mats



STRAW. Made by hand from the best rye straw, and in tne most thorough manner. Size 6 x 6 ft., **$1.75 each, $18.00 per doz.** 3 x 6 ft., **$1.25 each, $14.00 per doz.** Special prices on large lots, and special sizes made to order.

PALMER. 76 x 76 in. No. 1 made of burlap, wool filled and quilted, **$1.35 each, $15.60 per doz.** No. 2, made with burlap on one side and duck on the other, wool filled and quilted, same as No. 1, **$1.60 each, $18.00 per doz.**

ARCHANGEL. Useful in protecting from light frosts, etc. **80c. each.**

SINGAPORE. Fiber. These are heavier than straw mats, but are said to be more durable. **$2.00 each.**

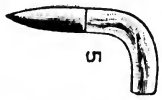
HOTBED THERMOMETER

HOTBED AND MUSHROOM. For use in ground with paper scale, **$1.50**; metal scale, **$2.00.**

IMPLEMENTS AND SUNDRIES

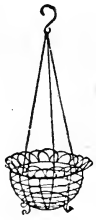
See Parcel Post Rates for Mailing on Page 1

Asparagus Buncher


Dibble

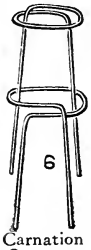
Asparagus Knife

Bill Hook


Hanging Wire Basket

Bouquet Holder

Fruit Picker, Common


Carnation Support, Excelsior

Cut Flower Box

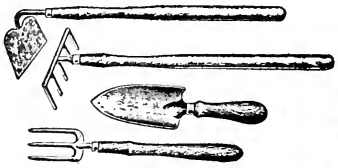
Basket

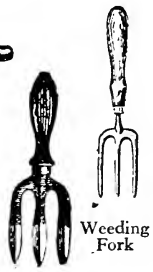
Cleveland Dandelion Puller

Edging Knife, American

Carnation Support, Model

Edging Knife, Revolving

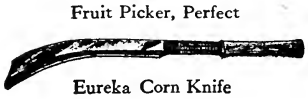

Floral Tools


Weeding Fork

Hand Weeding Fork

Vegetable Scoop

Fruit Picker, Perfect


Eureka Corn Knife

Orchid Basket

Price

ASPARAGUS BUNCHER. Makes bunches of the size usually sold in Boston market. Price, complete.....$3.50
Buncher, without cutter.....1.00

ASPARAGUS KNIVES. **Granite State.** Each..... .35

BAMBOO CANES. See **Stakes**, page 177.

BASKETS.

Farmer's Best Oak Splint. 4 bus. **$3.00**, 3 bus. **$2.25**, 2 bus. **$1.50**, 1½ bus. **$1.15**, bus. **75c.**, ½ bus. **45c.**, pk..... .35

Marston's Large Size. 12 in. long, 7 in. wide, 4 in. deep. 1000..25.00
100.....3.00

Marston's Verbena. Adjustable wooden handles, with tin fastenings on the ends. 10 in. long, 5 in. wide, 3 in. deep. 1000.....18.00
100.....2.00

Marston's Verbena. Wire handle attached. 10 in. long, 5 in. wide, 3 in. deep. 1000 **$18.00**, 100.....2.00

Orchid. Square. Made of best seasoned cherry. 12 in., doz. **$5.50**; 10 in., doz. **$4.75**; 8 in., doz., **$4.00**; 6 in., doz.....3.50

Rustic. See page 175.

Wire Hanging. Either flat or round bottom. 14 in., doz. **$4.50**, each **45c.**; 12 in., doz. **$4.00**, each **40c.**; 11 in., doz. **$3.50**, each **35c.**; 10 in., doz. **$3.00**, each **35c.**; 9 in., doz. **$2.75**, each **30c.**; 8 in., doz. **$2.50**, each **30c.**; 7 in., doz. **$2.25**, each **25c.**; 6 in., doz. **$2.00**, each..... .25

BELL GLASSES. See page 169.

BELLOWS. See page 166.

BILL HOOKS. For heavy pruning. No. 3 **$1.75**, No. 2.....1.50

BOUQUET HOLDERS. For cemetery use.

Glass. Doz. **$2.50**, each..... .25

Iron. Tulip shaped. No. 6 **30c.**, No. 5 **25c.**, No. 4..... .20

Tin. Painted green. Doz. **$1.00**, each..... .10

BOXES for Cut Flowers. We keep the following sizes in stock; others can be furnished at short notice:

No.	Length	Width	Depth	Doz.	100	No.	Length	Width	Depth	Doz.	100
1	15 in.	5 in.	3 in..	$0.25	$1.80	5	21 in.	7 in.	3½ in..	$0.55	$3.50
2	21 in.	5 in.	3 in...	.40	2.50	6	24 in.	8 in.	4 in....	.60	4.50
3	24 in.	5 in.	3 in...	.45	2.75	7	28 in.	8 in.	5 in....	.85	6.00
4	18 in.	6 in.	3½ in	.50	3.00	8	35 in.	8 in.	5 in....	1.00	7.50

BROOMS. For use in stables, greenhouses, etc. Two sizes. Each **70c.** and..... .60

BRUSHES. **Caterpillar.** Each..... .25

For applying creosote to destroy eggs of the gypsy moth. Doz...2.50
Each..... .25

BURLAP. For putting around trees to trap gypsy moths. 40 in. wide, per piece of about 100 yds., **9c.** per yd., per yd. **10c.**; 10 in. wide, 100 yds. **$2.50**, per yd..... .03

BURNING BRAND. For marking tools, etc. Six letters or less, each **$1.75**; each additional letter..... .25

CARNATION SUPPORTS.

Excelsior. Made of galvanized wire, strong and durable. In two sizes. The two lengths make a complete plant support. 20 in., 100 **$1.40**; 13 in., 100.....1.25

Model. Extension galvanized wire, very durable, quickly adjusted. 3 ring, 100 **$3.00**, doz. **55c.**; 2 ring, 100 **$2.50**, doz..... .45

COAL TAR. For covering scars made by removing large limbs from trees. Gal. **50c.**, qt..... .25

CORN KNIFE. **Eureka.** Forged steel..... .40

COTTON WADDING. For florists' use. In large sheets. Doz.... .50

CROW BARS. Steel. 5 ft. **$1.50**, 4½ ft.....1.15

DANDELION PULLER. **Cleveland.** Each..... .65

DIBBLE. For transplanting plants. Steel points, wood handles. Each **35c.** Brass points..... .50

DUSTERS. For insecticides. See page 166.

EDGING KNIVES.

American. With handle. Each..... .75

English. With handle. Each.....1.50

Revolving. With handle. Each.....1.50

FIBRE WARE. See page 174.

FLORAL TOOLS.

Children's Sets. 4 piece **60c.**, 3 piece..... .50

Ladies' Set.....2.75

Youth's Set. Long handle. 3 piece.....1.25

FLOWER POTS. See pages 173 and 174.

FLOWER STANDS. See page 173.

FORCING FRAMES. See page 169.

FORKS.

Hand Weeding..... .15

Hand Weeding, Saynor Imported..... .75

Hay. No. 3, 3 tine, 4½ ft. handle, each **60c.** No. 2, 2 tine, 5½ ft. handle, each **50c.** No. 1, 2 tine, 4½ ft. handle, each..... .50

Manure. Malleable iron D handle. **6** prong, strap ferrule, **$1.10**; plain, **$1.05.** 5 prong, strap ferrule, **95c.**; plain, **90c.** 4 prong, strap ferrule, **75c.**; plain..... .70
Long handles, same price. With wood D handles, add **10c.** each.

Potato Diggers. 6 heavy round tines **80c.**; 5 heavy round tines .. .70

Spading. Wood D handle, 4 tine, strap ferrule, **95c.**; plain..... .85
Malleable iron D handle, 4 tine, strap ferrule, **85c.**; plain..... .80

Vegetable Scoop.....1.00

FRUIT PICKERS.

Common. Heavy galvanized wire. Price..... .20

Perfect. Galvanized steel wire; can be attached to a pole of any length. Price..... .35

FRUIT PICKER HANDLES. 12 ft. **20c.**, 8 ft..... .10

FUMIGATORS. See page 166.

SUNDRIES—Continued

Price

GARDEN BORDERS.
Cyclone. Specially designed pattern, galvanized iron wire. 22 in. high, per ft. **14c.**; 16 in. high, per ft. **$0.12**
If in rolls of 75 to 100 ft. in length, price is **2c.** per ft. less.
Individual Wickets. Heavy wire.

No.	Wide	High	Feet	Doz	Each
1a	8 in.	12 in.	220 to 100	$0.25	$0.03
1b	10 in.	15 in.	180 to 100	.40	.04
1c	12 in.	20 in.	130 to 100	.65	.06
1d	16 in.	25 in.	100 to 100	1.25	.12

GARDEN LINES. Braided and made of best material; will not kink. 200 ft. **$1.00**, 100 ft. ..... .60
GARDEN LINE REELS. For garden lines. Large size ..... .75
Small size ..... .50
GLASS CUTTERS. Each ..... .15
GLAZING POINTS.
Peerless. Made of steel wire and galvanized. Box of 1000 ..... .60
Pincers for driving Peerless Glazing Points ..... .40
Siebert's. Made of zinc; they will not rust. Made in two sizes, ⅝ and ⅞ in. long. Each size, per lb ..... .40
GLAZING PUTTY. See page 174.
GLOVES. Garden and Pruning. Per pair **$1.50, $1.25** ..... .75
GRAFTING KNIVES. Each **50c.** Extra heavy, each ..... .75
GRAFTING WAX. A superior article. It is neatly put up in lb., ½-lb. and ¼-lb. packages. Lb. **30c.**, ½ lb. **15c.**, ¼ lb ..... .10
GRASS CATCHER. See page 167.
GRASS HOOKS or SICKLES. See page 168.
GRASS SHEARS. See page 168.
HOES. See page 172.
HORSE LAWN BOOTS. See page 167.

GARDEN HOSE

F. F. R. Co.'s Best Rubber. A vulcanized or moulded (not made of canvas or duck) hose, combining great flexibility without sacrificing strength or durability; has less tendency to kink when bent at sharp angles. Especially adapted for hard service in connection with stables, greenhouses, etc., where vehicles frequently run over it. We have it made specially for us under our own brands and we guarantee every foot.
F. F. R. Co.'s Best. 3 ply, ½ in., guaranteed, 50 ft. lengths 8.00
F. F. R. Co.'s Best. 3-ply, ¾ in., guaranteed, 50 ft. lengths 9.00
Sampson. An excellent grade of hose that has always given satisfaction. 7 ply, ¾ in., guaranteed, ft. **16c.** ½ in., guaranteed, ft. . .14
Cotton or Woven Hose. ¾ in., ft. **12c.**; ½ in., ft. ..... .10
HOSE NOZZLES.
New Boston. Will throw a coarse or fine spray, or a large or small stream, as may be desired. Large, each **75c.**; small, each ..... .50
Binks Greenhouse Sprayer. Screw top, supplied with coarse and fine discs. Each 1.00
Bordeaux. Throws a fine, medium or coarse spray, or can be shut off altogether. Easily disgorged; best all-round sprayer made. Price ..... .75
Boston Rose Spray for Greenhouse. For the greenhouse, flower bed, hotbed, lawn, etc. Made of brass. Each ..... .65
Fairy. A straight stream or spray ..... .50
Ferguson's Combination Sprayer and Syringe. 3 roses with each. Made of brass. Splendid for syringing under the foliage of plants, where force is needed. ¾ in. connection. Each 3.50
Garden and Lawn. A new sprayer; can be used as a straight stream, immediately changed to a spray, and can be used to spray under side of leaves of vines. Each 1.00
Greenhouse Hose Nozzle. 4 in. face for 1 in. hose, each **$1.50**; 4 in. face for ¾ in. hose, each **$1.00**; 3 in. face, each ..... .50
Kinney Pump. For mixing liquid manure with clear water without interfering with the flow of the water in garden hose. It will apply from 5 to 15 gallons of liquid fertilizer per minute. Each . . 1.50
Oakland. Will throw a solid stream or spray. Each ..... .50
Shutoff Connection. Each ..... .50
HOSE NOZZLE CONNECTION. For connecting hose and spray nozzles. ¾ in. x ¼ in. Price ..... .25
HOSE NOZZLE HOLDER. The hose is held firm, and can be adapted to any elevation.
Iron. Painted black ..... .50
Wire ..... .25
HOSE MENDERS.
Clincher. Sure to stay on as long as the hose lasts. ½ and ¾ in., doz. **$1.00**, each ..... .10
Cooper. One of the best. 1 in., doz. **$1.00**, each ..... .10
½ and ¾ in., doz. **75c.**, each ..... .08
Couplings. Common Brass. ½ or ¾ in., per doz., **$1.50**; set ..... .15
Hose Bands. Bull Dog. Fastens with screws. 1 in., doz. **$1.25**, each **15c.**; ½ in. and ¾ in., doz. **50c.**, each ..... .05
Hose Reducer. 1 in. to ¾ in. ..... .25
¾ in. to ¼ in., to fit Bordeaux Nozzle ..... .25
Hose Pliers, Caldwell. Each ..... .25
Hose Strap, Caldwell. Made from best quality brass wire. ½ or ¾ in. Doz. ..... .25
Hudson Hose Mender Sets. Box of 6 tubes, 20 bands, 1 pair pliers, for ½ and ¾ in. hose. Complete ..... .50
Hudson Bands. Doz. ..... .15
Hudson Pliers. Each ..... .30
Hudson Tubes. Doz. ..... .35
HOSE REELS.
All Iron. To hold 150 ft. hose. Each 3.25
Wooden. To hold 100 ft hose. Each 2.50

Garden Border

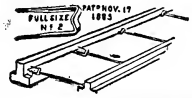
Garden Border

Garden and Pruning Gloves

Garden Reel

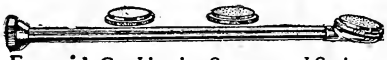
Garden Line

Siebert's Glazing Point



Peerless Glazing Point

Glazing Machine


Ferguson's Combination Sprayer and Syringe

Cooper Hose Mender

Hudson Hose Mender

Hose Band

Caldwell Pliers

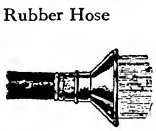
Mender

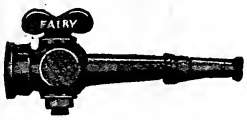
Rubber Hose

Wood Hose Reel

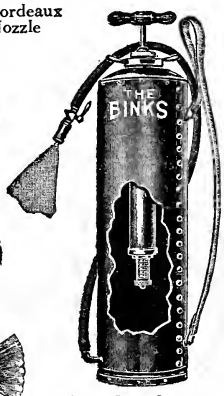
Wirt's Iron Hose Reel

Bordeaux Nozzle


Greenhouse Hose Nozzle



Fairy Sprayer

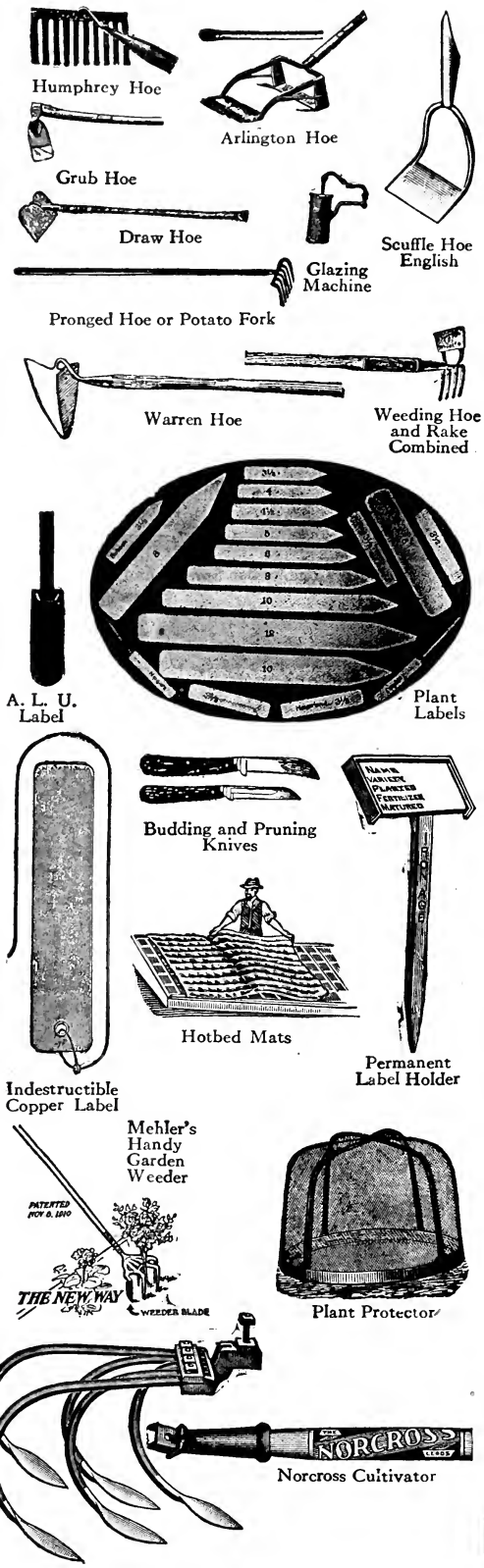


Binks Greenhouse Sprayer

Boston Rose Spray for Greenhouses

New Boston Sprayer

Oakland Nozzle



SUNDRIES—Continued

HOES. Price

Combination Draw Hoe and Rake with Handle. 6½ in. cut, 6 teeth, **50c.**; 4½ in. cut, 4 teeth **$0.40**

Draw, or Field. 6 in., 7 in., 7½ in., 8 in. blades, each ..... .50

5 in. blade, each ..... .40

Grub Hoe. 6½ in. blade, with handle, **$1.20**; 4¼ in. blade, with handle, each ..... .95

Humphrey Hoe. 10 flat teeth ..... .60

Meadow. 9 in., 9½ in. blade ..... .55

Norcross Cultivator. It works easier and faster than any wheel hoe. Made of first-class material, light, durable, weighs but 3 lbs. 4 ft. handle, each **90c.**; small size with 9 in. handle, each ..... .35

Mehler's Handy Gardener. Cultivates on three sides of the plant at one stroke. Teeth will take hold and pull out all the large weeds; the smaller ones are cut off by the right-hand tooth, which is flattened down to a knife blade. Each ..... .85

Pronged Hoe, or Potato Fork. 6 heavy round tines ..... .80

5 heavy round tines ..... .70

Scuffle, Arlington. Extensively used by market gardeners. 9 and 10 in., **$1.75**; 8 in., **$1.60**; 7 in., **$1.50**; 5 and 6 in., ... 1.35

Scuffle, or Push Hoe with Handle. American. 9 and 10 in., **50c.**; 8 in., **45c.**; 7 in., ... .40

Scuffle, or Push Hoe. English, imported. 9 in., **70c.**; 8 in., **60c.**; 7 in., **55c.**; 6 in., ... .50

Warren. Heart-shaped hoe ..... .90

HOTBED MATS and SASH. See page 169.

KINNEY PUMP. See pages 166 and 171.

KNIVES, BUDDING and PRUNING.

Kunde's. Various styles. **$2.00, $1.50, $1.25** 1.00

Saynor's. Various styles. **$2.00, $1.50, $1.25** 1.00

INK, Indelible. For marking on zinc labels. Large bottles, each .. .35

Small bottles, each ..... .25

LABELS. For plants, trees, etc.	Plain 100	Plain 1000	Painted 1000
Pot Labels.			
4 in	$0.15	$0.50	$0.70
4½ in	.15	.60	.80
5 in	.15	.75	.95
6 in	.15	.90	1.20
Garden Labels.			
8 in	.40	3.00	3.70
10 in., narrow	.45	4.00	4.80
12 in	.60	5.00	6.00
Tree Labels.			
3½ in	.15	.50	.70
3½ in., iron wired	.15	.80	1.00
3½ in., copper wired	.20	1.00	1.20

A. L. U. Securely fastened on without tying; expands with the growth of plants and may be instantly moved from one branch to another. It can be written on both sides with either ink or pencil; when rubbed over with varnish the wording remains for all time. 7 in., labels, 1000 **$9.50**, 100 **$1.75**; 5 in. 1000 **$8.50**, 100 ..... 1.00

Copper. Made of copper and copper wired; indestructible and always legible. No. 2, 5 x 1⅛ in., 100 **$1.50**; No. 1, 3⅝ x ¾ in., 100. 1.00

Zinc Garden. No. 7, 2¾ x ⅞ in., with hole for wire. 100 ..... .75

Pointed No. 4, 5 x 1 in., 100 **$1.00**; No. 15, 4¾ x ¾ in., 100 ..... .75

Zinc Garden. With wire rod galvanized, 18 in. long, to which is attached a zinc label. Complete, 100 ..... 4.50

LABEL HOLDER, Permanent. Cast iron, 8 in. prong to thrust into the ground, carrying an inclined, removable 3 x 2 in. frame to hold name card; mica protected. Doz. **$2.00**, each ..... .20

LAWN BOOTS, HORSE. See page 167.

LAWN MOWERS. See pages 3, 5 and 167.

LAWN ROLLERS. See page 168.

LAWN SHEARS. See page 168.

LAWN SPRINKLERS. See page 168.

LAWN SWEEPERS. See page 167.

MASTICA MACHINE. For glazing with liquid putty. Each 1.25

NOZZLES. See pages 166 and 171.

OIL. Lubricating. For lawn mowers, etc. Gal. **75c.**, qt. **25c.**; in oilers, ready for use ..... .20

ORCHID BASKETS. See page 170.

PAPER.

Manilla. For parceling. Sheets 20 x 30 in., 24 x 36 in., 30 x 40 in. 100 lbs. **$5.00**, lb ..... .06

Tissue, Light Brown. Sheets 20 x 30 in. Ream (about 10 lbs) .. 1.25

Lb ..... .15

Tissue, White. Sheets 20 x 30 in. Ream (about 7 lbs.) 1.25

Lb ..... .20

Waxed, Green. Sheets, 12 x 18 in. Ream (about 3½ lbs.) 1.00

Lb ..... .30

Waxed, White. Sheets 24 x 36 in., ream **$2.75**; lb. **30c.**; sheets 14 x 18 in., ream (about 5 lbs.), **$1.30**, lb ..... .30

White. For parceling. Sheets 20 x 30 in., 30 x 40 in., 24 x 36 in. 100 lbs. **$7.00**, lb ..... .08

PENCILS. Indelible Label (Wolff's). With point protector. Black or blue. Doz. **$1.50**, each ..... .15

PLANT PROTECTING CLOTH FOR HOTBEDS. Valuable for covering hotbeds and frames in Spring instead of glass, and for throwing over bedding plants at night in Fall; for Chrysanthemum houses, etc. Medium grade, per yd ..... .10

By the piece, about 60 yds., per yd ..... .09

PLANT PROTECTOR, Arlington. Valuable for use in early Spring to protect young plants from insects. They also protect from light frost and wind. Doz 1.50

PLANT SPRINKLER. See page 166.

SUNDRIES—Continued.

PLANT STAKES. See **Stakes**, page 177.

PLANT TUBS, STANDS AND SHELVES

Cedar.

	Diameter Outside	Diameter Inside	Height Outside	Height Inside	Each
No. 1	28 in.	25 in.	22 in.	20 in.	$5.25
No. 2	26 in.	23 in.	20 in.	18 in.	4.75
No. 3	24 in.	21 in.	18 in.	16 in.	3.95
No. 4	22 in.	19½ in.	17 in.	15 in.	3.45
No. 5	20 in.	17¾ in.	16 in.	14 in.	2.85
No. 6	18 in.	15¾ in.	15 in.	13¾ in.	2.35
No. 7	16½ in.	14½ in.	14 in.	12½ in.	1.95
No. 8	15½ in.	14 in.	13 in.	11½ in.	1.70
No. 9	14 in.	12½ in.	12 in.	10¾ in.	1.45
No. 10	12 in.	10 in.	9½ in.	8½ in.	1.20

Oak. Natural wood finish. Bound with extra heavy iron hoops. Drop handles, no feet.

No.	Inches	Each	No.	Inches	Each
1	12x11	$1.25	4	18x15	$2.30
2	14x12	1.50	5	20x17	2.65
3	16x13	2.00	6	24x20	3.25

Mission Plant Boxes. As they are square the boxes hold more soil than tubs. The corner posts or blocks keep the boxes from contact with the soil or floor and insures a circulation of air underneath. They are, in short, "excellent boxes in every way and can be strongly recommended for outdoor or indoor use."

	Each		Each
Size 10 x 10 made square	$1.75	Size 18 x 18 made square	$3.85
" 12 x 12 " "	1.90	" 22 x 22 " "	5.00
" 14 x 14 " "	3.00	" 26 x 26 " "	6.75

Plant and Tree Tubs. Made of cypress with substantial stave legs. Have also galvanized cable wire hoops that will not rust or break.

Green No.	Diameter Outside Top	Bottom	Depth	Each	Dozen
A	8 in.	7¼ in.	6 in.	$0.30	$3.00
B	8¼ in.	7¼ in.	8½ in.	.45	4.80
C	10¾ in.	9½ in.	9 in.	.65	7.50
D	11 in.	9 in.	11½ in.	.85	10.00

Plant Stands, Wire Folding. Strong and durable. When not in use can be folded and stored away in a small place. 4 tray $4.75, 3 tray $3.50, 2 tray.....$2.50

Swinging Brackets for Flower Pots. Especially adapted to hold plain flower pots and saucers. Made of steel, very strong and durable. Artistic in design and finished black. Flower pots and saucers are absolutely secured by the spring clasp.

	Each	Doz.
1 holds 5 in. pot	$0.35	$3.60
2 " 6 in. "	.40	4.20
3 " 7 in. "	.45	4.80

Window Boxes, Self-Watering. The American home owner objects to wooden window boxes, as they damage the property. "Illinois" Self-Watering Window Boxes do not leak and may, therefore, be placed in any window with the perfect assurance that no annoyance will be caused from leakage and consequent damage to the property. A window sill 3½ inches wide, or over, is ample for them. They are easily and securely installed in any window by means of a wire inserted through eyelets in end of box near upper edge.

No	Height	Width	Length	Water capacity	Price
1	8 in.	9½	23 in.	2½ qts.	$1.60
3	8 in.	9½	27 in.	3½ qts.	1.90
5	8 in.	9½	31 in.	4½ qts.	2.20
7	8 in.	9½	35 in.	5½ qts.	2.50
9	8 in.	9½	39 in.	6½ qts.	2.80

Wire Window Plant Shelves. Can be applied to any window moulding on the flat part of same. Brackets are so constructed that it will allow the curtain between the window and shelf. 42 in., with bracket complete, each $1.25; 36 in., with bracket complete, each $1.15; 30 in., with bracket complete, each.....1.00

POTS AND SAUCERS, CLAY AND FIBER

Jardiniere Flower Pots, Oasis. Eight days self-watering. When potting the plant, first fill the pot with water and allow it to stand for 15 minutes, then turn out water and place plant in pot, packing the soil firmly to within ⅛ in. of top edge of the pot. Place the pot in the reservoir and pour water into the reservoir through the lip around the top edge of reservoir, until water stands ⅛ in. deep in the lip. The water supply of reservoir will last for 8 to 10 days, but it will be found more satisfactory to have an appointed day in the week for refilling the reservoir, since in that case the duty is less likely to be forgotten and neglected until the plants suffer for want of water.

Oasis Jardiniere Pots.

	Each	Doz.
4 in.	$0.25	$2.50
5 in.	.35	3.75
6 in.	.45	5.00

Oasis Jardiniere Fern Pans

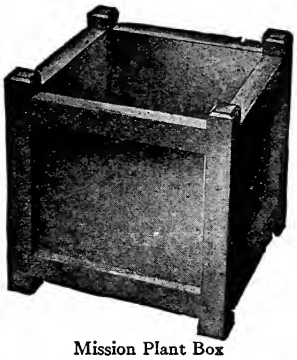
	Each	Doz.
4 in.	$0.30	$3.00
5 in.	.40	4.20
6 in.	.55	6.00
7 in.	.70	7.50

Pots, Standard Clay Flower. Measurements from inside to inside. Width and depth equal.

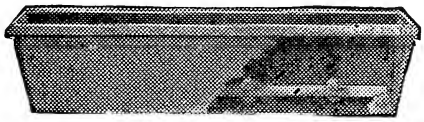
Inches	Each	Doz.	100	Inches	Each	Doz	100
2	$0.02	$0.10	$0.60	9	$0.20	$2.15	$13.35
2½	.02	.15	.80	10	.35	3.00	20.00
3	.03	.20	1.00	11	.45	4.00	24.00
3½	.03	.24	1.15	12	.55	5.50	33.00
4	.04	.30	1.60	13	.80		
4½	.04	.36	2.00	14	1.00		
5	.05	.50	2.65	15	1.75		
6	.07	.72	4.00	16	2.25		
7	.12	1.10	6.65	18	3.25		
8	.15	1.50	9.35	20	4.50		

Cedar Plant Tub

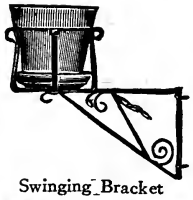
Oak Tub



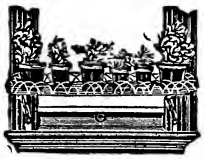
Mission Plant Box



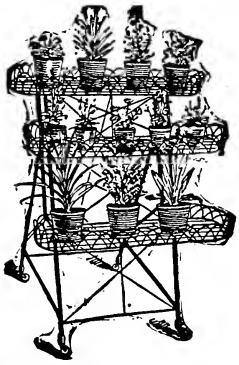
Self-watering Window Box



Swinging Bracket

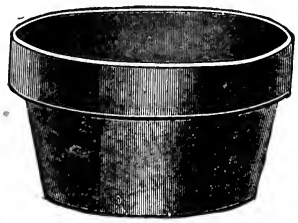


Wire Window Shelf

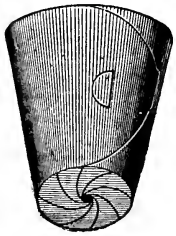


Wire Folding Plant Stand

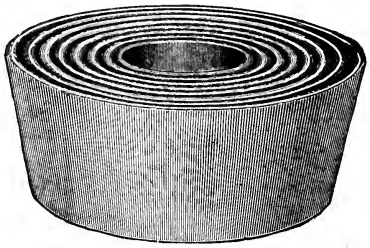
Standard Flower Pot and Saucer



Bulb or Seed Pot

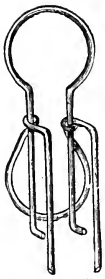


Neponset Flower Pot



Fern Pan

Clay Hanging Pot



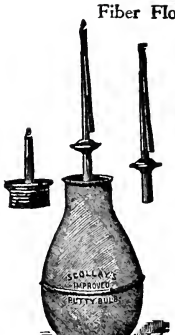
Krick's Perfect Flower Pot Hanger

Fiber Flower Pot Saucer

Florists' Fiber Vase

Fiber Flower Pot Saucer

Fiber Rolling Stand



Putty Bulb

SUNDRIES—Continued.

Bulb or Seed Pans, Round, Clay.

Inches	Each	Doz.	Inches	Each	Doz.
6	$0.07	$0.75	10	$0.20	$2.00
7	.10	.95	12	.35	3.00
8	.12	1.20	14	.75	8.50

Fern Pans. These pans are made thin and strong, especially adapted for linings to porcelain and silver fern pans. Dimensions given are outside measurements.

Size	Each	Doz.	100	Size	Each	Doz.	100
4¾ x 2⅛	$0.05	$0.45	$2.65	8 x 3⅛	$0.12	$1.20	$6.65
5½ x 2¼	.06	.60	3.35	9 x 3¼	.14	1.45	8.00
6¼ x 2½	.07	.72	4.00	10 x 4	.18	1.70	9.35
7 x 2⅝	.08	.80	4.65				

Florists' Vases, Fiber. Have neither seams, joints nor hoops.

Diam. Inside	Depth Inside	Order by No.	Each	Doz.
8 in.	13 in.	0	$0.60	$6.60
5½ in.	10 in.	1	.55	5.70
4½ in.	9 in.	2	.45	5.00
4 in.	6 in.	3	.40	4.20
3 in.	4½ in.	4	.35	3.30
9 in.	22 in.	00	2.25	25.00
5½ in.	18 in.	11	.60	6.60
4½ in.	15 in.	22	.55	5.70
4 in.	12 in.	33	.45	5.00
3 in.	9 in.	44	.40	4.20
9 in.	29 in.	000	3.00	33.00

Flower Pot Hanger, Krick's Perfect. Doz.

No. 1 will fit from 3½ to 5 in. pots $0.30
No. 2 will fit from 5 to 8 in. pots ..... .40
No. 3 will fit from 8 to 12 in. pots ..... .50

Flower Pot Hanger, Van's Clipper Bar. Galvanized wire.

Length	Each	Doz.	100	Length	Each	Doz.	100
21 in.	$0.08	$0.60	$4.50	27 in.	$0.10	$0.75	$5.50

Flower Pot Saucers, Fiber. Far cheaper in the end than earthenware. Are not porous, and will protect woodwork, tables, etc., on which plants are to stand.

Size	Each	Doz.	Size	Each	Doz.
4 in.	$0.11	$1.20	10 in.	$0.17	$1.80
5 in.	.12	1.25	12 in.	.19	2.15
6 in.	.13	1.30	14 in.	.30	2.85
7 in.	.14	1.40	16 in.	.50	5.00
8 in.	.15	1.50	18 in.	.55	5.75
9 in.	.16	1.70			

Flower Pots, Neponset Paper. Made from a properly prepared fabric, which gives the necessary firmness. Unbreakable and made so as to give ample drainage. Not less than one crate at the 1000 prices.

Inches	In crate	100	1000	Inches	In crate	100	1000
2¼	1000	$0.30	$2.42	4	500	$0.80	$6.60
2½	1000	.35	2.78	5	500	1.20	10.35
3	1000	.45	3.82	6	500	1.65	14.55
3½	1000	.60	5.24				

Hanging Pot Chains. Each, 20c. and $0.15

Hanging Pots, Clay, Unpainted.

Inches	Each	Doz.	Inches	Each	Doz
7	$0.15	$1.50	10	$0.40	$4.00
8	.20	2.00	12	.55	5.50
9	.25	2.50			

Rolling Stands, Fiber. Will save floors, carpets, rugs, because heavy plants can be pushed around from place to place as easily as a light table. Four small sizes with separate stands; two larger sizes with the ball bearing casters attached directly to the shallow dish.

Outside diam. about	Will take pot of Diam. at bottom	Casters	Each	Doz
12 in.	10 in.	3	$0.60	$6.00
14 in.	11 in.	3	.70	7.20
16 in.	13 in.	4	.85	9.00
18 in.	15 in.	4	1.00	10.00
20 in.	17 in.	4	1.25	12.00
22 in.	20 in.	5	1.50	15.00

Saucers, Standard, Clay.

Inches	Doz.	100	Inches	Doz.	100
3½	$0.15	$0.95	7	$0.50	$2.75
4	.20	1.20	8	.60	4.00
4½	.25	1.35	9	.75	5.25
5	.30	1.50	10	1.00	6.50
6	.40	2.00	11	1.35	8.00
6½	.45	2.50	12	1.80	10.00

PRUNING SHEARS. See page 175.

PUTTY, Twemlow's Liquid. For bedding glass in sash, and filling cracks or seams in roof joints or frames of greenhouses or hotbeds. 5 gal. can $7.25, 1 gal. can $1.50

PUTTY BULB, Rubber. For glazing. Each 1.00

SUNDRIES—Continued

Price

RAFFIA. The best material for tying, being very soft, pliable and strong. Lb. **$0.20**

RAKES.

English Daisy. For lawns. Each, **$3.50** to **3.00**

Gibbs' Lawn All Steel. Reversible; strong and light. 24 teeth. Each ..... **.50**

Hay, Wood. Three bow. Best. Each ..... **.45**

Lawn, Wood. Three steel bows, bent handle. 24 teeth. Each .. **.50**

Steel Garden. 18 teeth **60c.**, 16 teeth **55c.**, 14 teeth **50c.**, 12 teeth **45c.**, 10 teeth ..... **.40**

Steel Garden. Short teeth for gravel walks. 18 teeth **65c.**, 16 teeth **60c.**, 14 teeth ..... **.55**

RUSTIC WORK. Strongly made from natural roots.

Hanging Baskets. 15 in. **$2.00**, 12 in. **$1.50**, 10 in. **$1.00**, 9 in. **85c.**, 8 in. ..... **.75**

Hexagon Stands. Height 34 in., diam. 24 in., **$6.00**; height 32 in., diam. 20 in., **$4.00**; height 26 in., diam. 16 in. **3.00**

Oblong Stands. Height 36 in., length 28 in., **$6.50**; height 30 in., length 18 in., **$4.00**; height 26 in., length 18 in. **3.00**

Settee. Length of seat 4½ ft., **$10.00**; 3½ ft., **$7.00**; 2½ ft. **5.25**

Window Box. 30 in. **$3.00**, 24 in. **$2.00**, 18 in. **1.50**

SASH. See page 169.

SAWS, SCISSORS AND SHEARS

SAWS.

Adjustable Pole Tree. 18 in., each ..... **.75**

Pruning. Double edge, 18 in. **85c.**, 16 in. ..... **.75**

Single edge. 18 in. **80c.**, 16 in., each ..... **.70**

Pruning and Chisel. 10 in., each ..... **.90**

SCISSORS.

Flower. For cutting and holding flowers. 7 in. **$1.65**, 6 in. **$1.38**, 4 in., each **1.00**

Grape or Vine. For thinning the bunch. Nickel plated. 7 in., each **$1.20**; 6 in., each **1.00**

Pruning or Rose Pruners. Nickel plated. 6 in., each **$1.25**; 5 in., each **$1.00**, 4 in., each ..... **.75**

SHEARS.

Branch or Lopping. Imported. With long handles. No. 4, 44 in. handle, **$3.00**; No. 3, 38 in. handle, **$2.50**; No. 2, 31 in. handle, **$2.25**; No. 1, 27 in. handle, each **2.00**

French Pruning. With wheel spring. The best pruner ever offered. Polished. 10 in. **$2.50**, 9 in. **$2.00**, 8 in. **$1.75**, 7 in., each **1.50**

Extra Springs, **30c.** each.

German Shears. (Pruning.)

Extra Strong Handle. Good quality steel blades. 9 in. **$1.25**, 8 in. **$1.00**, 7 in., each ..... **.75**

Made especially for us. Our name stamped on each shear. 9½ in. **$1.75**, 8½ in. **$1.50**, 7½ in., each **1.25**

New Pattern for Ladies, with bone handle over the polished iron. Very attractive. 6½ in. **$1.50**, 5½ in., each **1.35**

With Iron Handle covered with Rubber. 9 in. **$2.50**, 8 in. **$2.25**, 7 in., each **1.75**

Grass Border, Lawn, Grass or Sheep. See page 168.

Hedge, English. 10 in. **$2.00**, 9 in. **$1.75**, 8 in. **$1.50**, 7½ in., each **1.35**

Hedge, English Pruning Notch. 10 in. **$2.25**, 9 in. **$2.00**, 8 in. **$1.60**, 7½ in., each **1.50**

Hedge, Never Slip. The feature of these shears is the serrated edge, running the entire length of one blade. Will cut without slipping. 10 in. **$3.00**, 9 in., each **2.50**

Ladies' Garden. With wooden handle, similar to Hedge shears. 5½ in. blade, each **1.25**

Neverslip. The feature of these shears is the serrated edge, running the entire length of one blade. Will cut without slipping. 10 in. **$2.50**, 9 in. **$2.25**, 8 in., each **2.00**

Pruner, Telephone, Tree. Can be used on a pole of any length and be operated with a cord. Sold without handles, each **1.00**

Extra blades, each **30c.**; springs, **25c.**

Pruning. Black malleable iron handle.

No. 1, with flat brass spring, each ..... **.30**

No. 14, with flat brass spring. Doz. **$4.00**, each ..... **.40**

No. 30, with volute spring, black, 9 in., each ..... **.50**

No. 40, with volute spring, polished, 9 in., each **1.00**

Levin. Very light and extra strong. 13 oz. **75c.**, 8½ oz. ..... **.50**

Waters' Tree Pruners. With 16 ft. handle **$1.25**, 14 ft. handle **$1.00**, 12 ft. handle, **90c.**, 10 ft. handle **85c.**, 8 ft. handle **80c.**, 6 ft. handle **75c.**, 4 ft. handle, each ..... **.65**

Extra blades, doz. **$2.00**, each ..... **.20**

Wood Lawn Rake

Steel Garden Rake

Raffia

Flower

Grape Scissors

Pruning

Pole Tree Saw

Rustic Hanging Basket

Lawn Rake, English Daisy

Neverslip Shears

Pruning Saw and Chisel

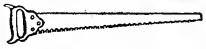
Never Slip Hedge Shears

No. 1

No. 14

French Pruning Shears

German Shears



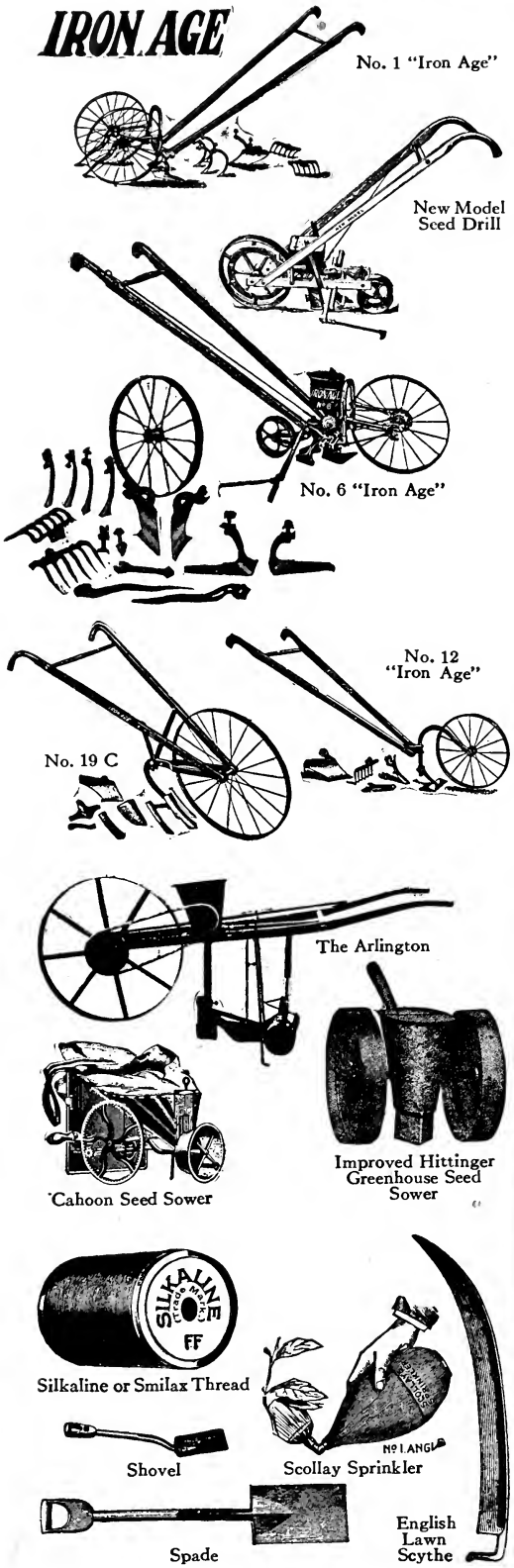
Pruning Saw

Branch or Lopping Shears

Extra Strong Handle

Ladies' Bone Handle

Hedge Shears



SUNDRIES—Continued

SCOLLAY SPRINKLERS. See page 166. Price

SCYTHES.

American. 32 to 38 in. Each.....**$1.00**
English Lawn. Broad blade. Each.....**1.40**
Snaths. Patent swing socket. Each.....**1.00**

SEED DRILLS AND WHEEL CULTIVATORS

Calhoon's Broadcast Seed Sower. The acknowledged superiority of these machines over all others has already placed them in the front rank of labor-saving agricultural implements. A saving of four-fifths of the labor and one-third of the seed is effected by their use, and a person entirely unused to sowing by hand can use this machine with perfect success. They are warranted to give perfect satisfaction and to save their cost in less time than any other farm implement yet introduced. They are substantially built, and with ordinary care will last many years. Price.....**$4.50**

Greenhouse, Hittinger. A new seeder for sowing Radish and Beets in beds in greenhouse. Will sow both ways, by drawing toward or pushing from you. Will save price in season. Each.....**6.00**

No. 12, "Iron Age" Wheel Plow and Cultivator. This tool is designed to perform all work needed to be done in a small kitchen garden; plowing, covering, hoeing, raking and cultivating. The average weight of this implement, fitted with one working tool, is but eight pounds, and therefore can be carried about the garden and used as readily as a common hoe. Packed weight, 20 lbs. Price...**3.50**

No. 19-C, "Iron Age" Wheel Plow and Cultivator. To meet the demand coming from some sections for a wheel plow and cultivator equipped with a higher wheel than anything we have previously offered, we designed our No. 19 "Iron Age" Wheel Plow and Cultivator. In doing so it will be noticed we have kept in mind those excellent features which have made our whole line of Iron Age Garden Implements so popular, viz., lightness combined with strength. Packed weight, 22 lbs. Price.....**3.50**

The No. 1 "Iron Age" Double and Single Wheel Hoe. The change from a Seed Drill to a Double or Single Wheel Hoe is quickly made. It stirs the soil very close to the plants without disturbing them in the least. Just think of the labor saving possibilities of an implement that enables thorough cultivation of the garden at an easy walking gait. After the plants have outgrown the use of the rakes and side hoes, or where it is desired to practice deeper cultivation, the cultivator teeth are applied. Plows may also be applied for working astride rows to turn the soil to the plants and to open furrows for manure or deep planting of seeds. Price.....**7.00**

The No. 6 "Iron Age" Combined Double and Single Wheel Hoe, Hill and Drill Seeder. Whether you garden for pleasure or profit, you need an Iron Age Garden Tool, and for either purpose we recommend the No. 6 Iron Age. Combined in this tool are three distinct and thoroughly practical implements, a Hill and Drill Seeder, a Double Wheel and a Single Wheel Hoe. As a Hill and Drill Seeder it opens the furrow, deposits the seed, covers it and rolls it all at one operation, either in drills or hills. The Drill is operated with great ease, is most accurate, durable and satisfactory. The seed sowing device is simple yet very effective. The agitator is simply a revolving brush of selected bristles, which separates the seeds which may cling together, and acts as a gentle force feed. Packed weight, 57 lbs. Price.....**12.00**

The Arlington. The famous Seed Drill used so extensively by market gardeners in the vicinity of Boston. It has a large wheel, 28 in. in diameter, with a broad rim 2½ in. wide. Runs so easily that it can be run all day without fatigue to the operator. It sows fine seed with perfect regularity as well as the larger seeds. It is made in a strong and thorough manner, and for the market gardener is far superior to any other make. Price, each, complete.....**17.00**

The New Model Seed Drill. The record of the "New Model" has been so entirely satisfactory, and its place as one of the leading drills has become so firmly established, that we are almost tempted to discard the term "New." It is still regarded by many of the oldest and best market gardeners as "the old standby," and we heartily recommend it to those desiring a Drill Seeder without the combination of cultivating tools. Packed weight, 40 lbs. Price....**8.00**

SHOVELS.

Ames' Best. Round or square point. Each.....**1.25**
Harvard. Round or square point **95c.**, No. 3 **75c.**, No. 2, each.... **.70**
Wendall. Round or square point, **95c.**, No. 3 **$1.00**, No. 2, each.. **.90**

SICKLE or GRASS HOOK. See page 171.

SIEVES. Wire. For sifting loam, gravel, etc. Any size mesh.....**1.00**

SILKALINE or SMILAX THREAD. Spools.....**.25**

SOD CUTTER AND LIFTER.....**3.00**

SPADES.

Ames' Best. Smooth back.....**1.25**
Harvard. Smooth back.....**.70**
Wendall. Smooth back.....**.90**

STAKES FOR PLANTS

For Greenhouse, Conservatory or Garden Use

Bamboo Stakes. Painted green. Small and inconspicuous, but strong and very useful for small plants.

	Doz.	100	1000		Doz.	100	1000
12 in.....	**$0.05**	**$0.40**	**$3.00**	36 in.....	**$0.15**	**$0.75**	**$7.00**
18 in.....	**.10**	**.50**	**3.50**	42 in.....	**.15**	**.90**	**8.00**
24 in.....	**.10**	**.60**	**5.00**	48 in.....	**.15**	**1.00**	**9.00**

SUNDRIES—Continued.

STAKES FOR PLANTS—Continued

Cane Stakes. Used by plant growers and in greenhouses for tying roses, pinks, etc.

	Doz.	100	1000		Doz.	100	1000
4 to 6 ft.	$0.25	$0.75	$6.00	10 ft.	$0.50	$2.00	$17.50
8 ft.	.40	1.25	10.00				

Hardwood Square. Unpainted.

Length	Doz.	100	1000	Length	Doz.	100	1000
28 in.	$0.10	$0.30	$2.50	48 in.	$0.15	$0.60	$5.00
36 in.	.10	.40	3.50	60 in.	.20	1.00	8.00

Japanese Bamboo. Length 12 to 14 ft., 100 $6.00, doz. $0.90
Length 10 to 12 ft., averaging ⅝ in. to ¾ in. at the butt, 100 $5.00, doz. ..... .75.

Round. Painted green.

	Each	Doz.	100		Each	Doz.	100
1½ ft.	$0.02	$0.20	$1.20	3½ ft.	$0.08	$0.80	$5.90
2 ft.	.04	.35	2.30	4 ft.	.10	1.00	7.20
2½ ft.	.05	.50	3.50	5 ft.	.12	1.20	8.50
3 ft.	.06	.65	4.70				

Square. Painted green.

	Each	Doz.	100		Each	Doz.	100
1½ ft.	$0.02	$0.20	$1.15	3½ ft.	$0.07	$0.70	$4.75
2 ft.	.03	.30	1.75	4 ft.	.08	.80	5.50
2½ ft.	.04	.35	2.50	5 ft.	.10	1.10	7.50
3 ft.	.06	.60	4.00	6 ft.	.12	1.20	9.50

Square Green Dahlia Stakes. Extra heavy black tip.

	Each	Doz.	100		Each	Doz.	100
3 ft.	$0.08	$0.75	$5.00	5 ft.	$0.15	$1.75	$13.00
4 ft.	.10	1.00	8.00	6 ft.	.20	2.00	15.00

Wire Stakes for Roses. 6 ft., 100 $2.00; 5 ft., 100 $1.75; 4 ft., 100 $1.50; 3 ft., 100 ..... $1.25

Match Sticks.

Hyacinth Stakes.

	100	1000
12 in., painted green	$0.20	$1.50
18 in., painted green	.25	2.00

STYPTIC. Thomson's. For preventing the bleeding of vines. Also used in budding and grafting. Bottle $1.25

SYRINGES. Brass. See page 166.

TAPE LINES. 100 ft. Each 2.50

TARRED LATHYARN. For making mats or tying shrubs. By the coil of 25 lbs., **16c.** per lb.; per lb. ..... .17

THERMOMETERS.

Brooder. 50c. and ..... .35
Hotbed and Mushroom. For use in ground with paper scale 1.50
Metal scale 2.00
Incubator. 75c. and ..... .50
Japanned Tin. 10 in., doz. **$1.50**, each **15c.**; 8 in., doz. **$1.20**, each **12c.**; 7 in., doz. **$1.00**, each ..... .10
Self-Registering. Maximum and minimum degree of heat or cold during day or night. 8 in. 2.50
Wilder's. Japanned tin case, heavy. 12 in., doz. **$12.00**, each **$1.10**; 10 in., doz. **$9.75**, each **90c.**; 8 in., doz. **$7.20**, each **65c.**; 7 in., doz. **$6.00**, each ..... .55
Wilder's Fancy. Each, upward from 1.25
Window Plate Glass. White enamel face, annealed figures, nickel plated arms for attaching to windows. Each 1.50

TINFOIL.
For Bouquets, etc. Price variable. Lb. ..... .15
Violet Foil. Lb. ..... .60

TOMATO TRELLISES.
Made square, of seasoned hard wood, with four smooth, planed posts and turned rods. Doz. **$1.75**, each ..... .20
Handy Vine. Round, made of wood and wire. Doz. **$2.00**, each ..... .20
Model Extension. Made of heavy galvanized wire. Doz. 1.75
Each ..... .20
Wood. Round with two hoops. Doz. **$1.25**, each ..... .12

TORCH, ASBESTOS. See page 166.

TREE GUARDS. Made of steel galvanized wire. Upright wires fastened to horizontal wires securely by clamps. 8 in. diameter, 6 ft. high. Each 1.00

TREE SCRAPER. Each, **50c.** and ..... .35

TUBS, Plant. See page 173.

TRELLIS.

All Wire.

Height	Width	Price	Height	Width	Price
5 ft.	12 in.	$1.00	10 ft.	18 in.	$2.50
6 ft.	12 in.	1.20	12 ft.	18 in.	3.00
8 ft.	18 in.	2.00			

Arches, All Wire.

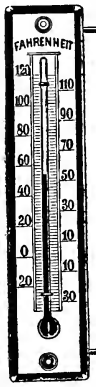
Height	Width	Span	Price	Height	Width	Span	Price
5 ft.	12 in.	2½ ft.	$4.50	8 ft.	18 in.	4 ft.	$7.50
6 ft.	12 in.	2½ ft.	5.25	8 ft.	36 in.	4 ft.	13.00

Bow Trellis.

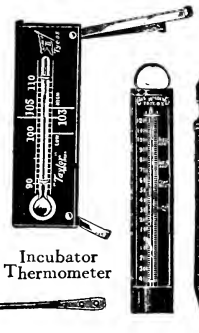
		Each	Doz.			Each	Doz.
No. 1	30x10 in.	$0.25	$2.50	No. 4	48x15 in.	$0.55	$6.00
No. 2	30x14 in.	.35	4.00	No. 5	60x18 in.	.65	7.50
No. 3	36x12 in.	.40	4.50	No. 6	72x20 in.	.80	9.00
No. 3½	42x14 in.	.50	5.00				

		Each	Doz.
No. 00	18 in. stick, 3 1-3 in. wide	$0.05	$0.50
No. 00	wide, 20 in. stick, 8 in. wide	.10	1.00
No. 0	24 in. stick, 5 in. wide	.10	1.00
No. 0	wide, 24 in. stick, 8 in. wide	.12	1.25
No. 0½	24 in. stick, 7½ in. wide	.20	2.00

Plant Stakes

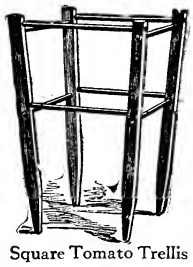


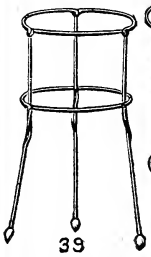
Window Plate Glass Thermometer


Incubator Thermometer

Wilder Hotbed Thermometers

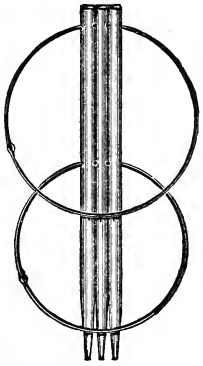
Tree Scraper

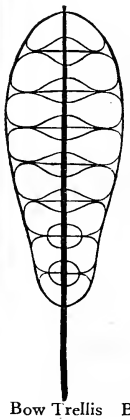

Square Tomato Trellis

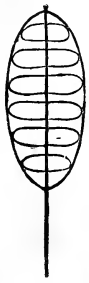


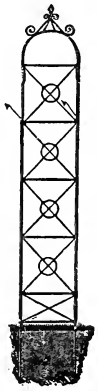
Model Extension Tomato Trellis

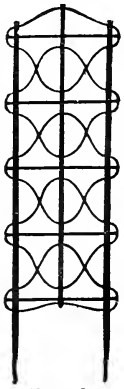
Tomato Trellis, Ready for Use.

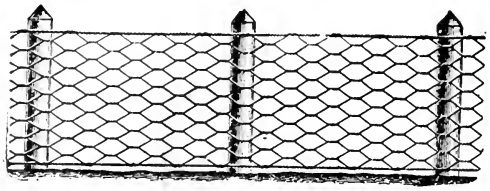

Wood and Wire Folded for Winter


Bow Trellis

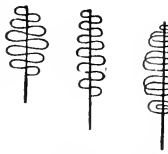

Bow Trellis


All Wire Trellis


Veranda Trellis



Wire Trellis for Sweet Peas and Tomato

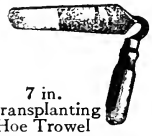


No. oo No. oo No. o

Fan Trellis

Arch, All Wire

Transplanting Trowel

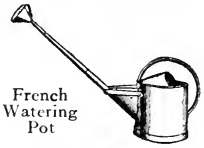


7 in. Transplanting Hoe Trowel

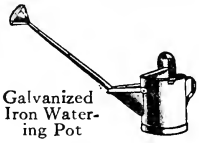
Solid Forged Steel Trowel

Ladies' Transplanting Trowel

Ordinary Trowel



French Watering Pot



Galvanized Iron Watering Pot

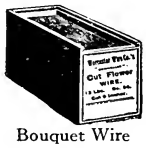
Excelsior Weeder

Eureka Weeder

Hand Weeding Fork

Noyes Weeder

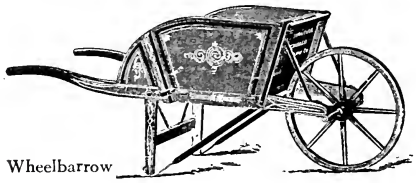
Hazeltine Weeder



Bouquet Wire

Mehler's Handy Garden Weeder

Lang's Weeder



Wheelbarrow

SUNDRIES—Continued.

TRELLIS—Continued Price

Cyclone "Rust-Proof." For vines of every variety. Used singly or, if desired, several lengths can be laced together side by side, making any width—either up or down or across the veranda or house. These attain better results than having them made to order. May be used for arches. 30 in. wide, per linear ft. **14c.**; 24 in. wide, ft. **12c.**; 18 in. wide, ft.....**$0.10**

Fan Trellis.

Height	Each	Doz.	Height	Each	Doz.
1½ ft.	**$0.10**	**$1.00**	4 ft.	**$0.60**	**$6.50**
2 ft.	**.15**	**1.50**	5 ft.	**.80**	**9.00**
2½ ft.	**.20**	**2.00**	6 ft.	**.85**	**10.00**
3 ft.	**.40**	**4.50**	7 ft.	**1.00**	**12.00**
3½ ft.	**.50**	**5.50**	8 ft.	**1.10**	**13.00**

Veranda Trellis.

Height	Width	Each	Doz.	Height	Width	Each	Doz.
2 ft.		**$0.50**	**$5.00**	8 ft.	18 in.	**$1.60**	**$18.00**
3 ft.		**.60**	**6.00**	9 ft.	20 in.	**1.85**	**21.00**
4 ft.		**.70**	**7.00**	10 ft.	20 in.	**2.15**	**24.00**
5 ft.	18 in.	**1.00**	**11.00**	11 ft.	24 in.	**2.35**	**27.00**
6 ft.	18 in.	**1.15**	**13.00**	12 ft.	24 in.	**2.60**	**30.00**
7 ft.	18 in.	**1.35**	**15.00**				

Veranda Trellis. Extra Wide.

Height	Width	Each	Doz.	Height	Width	Each	Doz.
6 ft.	28 in.	**$1.85**	**$21.00**	10 ft.	31 in.	**$3.25**	**$38.00**
8 ft.	28 in.	**2.60**	**30.00**	12 ft.	36 in.	**3.85**	**45.00**

TRELLIS WIRE. For Peas, Tomato Vines, etc. This trellis is to take the place of ordinary brush that is used in gardens; it is almost indispensable in any well kept garden. Practically indestructible and easily put up; at the end of the season it can be rolled up and stored away ready to use another year. Peas, either garden or flower, are more easily picked, and tomatoes grown on these trellises are more uniform and less liable to rot. It is easily as good for cucumbers, melons and other vines. Made of the best galvanized net, 4 ft. wide, 2 in. mesh, furnished in 10 ft. lengths, with a 5½ ft. long, 2 in. diameter stake at each end and one in the center. Price per 100 lengths **$70.00**, per doz. lengths **$8.50**, per 10 ft. lengths.....**$0.75**
Full roll (10 rods) **2c.** per ft. less.

TROWELS.

Ladies'. Doz. **70c.**, each..... **.10**

Ordinary. 7 in., doz. **75c.**, each **10c.**; 6 in., doz. **70c.**, each **10c.**; 5 in., doz. **60c.**, each..... **.10**

Solid Forged Steel. 7 in. **45c.**, 6 in. **40c.**, 5 in. **35c.**, 4 in., each.. **.25**

Transplanting. 7 in., doz. **$2.00**, each **20c.**; 6 in., doz. **$1.50**, each **15c.**; 5 in., doz. **$1.00**, each..... **.10**

Transplanting Hoe Trowel. 7 in., each..... **.35**

TUB, PLANT. See page 173.

TWINE.

Green. For smilax. Doz. balls **$2.25**, per ball..... **.20**

Jute. 6 ply. Doz. balls **$2.25**, per ball..... **.20**

Soft. For tying. Very strong. Doz. balls **$2.50**, per ball..... **.25**

Strong. Per ball..... **.20**

Tarred Marline. Twisted. In 5 and 10 lb. balls, per lb..... **.23**

White. For tying. Doz. balls **$1.60**, per ball..... **.15**

VASES. Fiber. See page 174.

VERBENA BASKETS. See **Baskets**, page 170.

WATERING POTS.

Common. Made extra strong of double thick tin, carefully braced and painted. 16 qt. **$1.75**, 12 qt. **$1.50**, 10 qt. **$1.25**, 8 qt. **$1.00**, 6 qt. **87c.**, 4 qt..... **.75**

Florists' Galvanized Iron. The best florists' watering pot, made for strength, durability and neatness. Made from best quality iron; the top and back handles riveted on; an iron band at the bottom; the spout riveted, and a brace around it riveted to the body and galvanized after it is made. A coarse and fine copper-faced rose with each pot. 12 qt., spout 25 in. long, **$2.75**; 10 qt., spout 25 in. long, **$2.25**; 8 qt., spout 23 in. long, **$2.00**; 6 qt., spout 21 in. long.....**1.75**

French. Brass handle. Made of galvanized iron; oval in shape, with brass handle and long spout; one fine and one coarse copper face rose with each. 10 qt. **$2.75**, 8 qt. **$2.50**, 6 qt.....**2.25**

Galvanized. Low. 4 qt.....**1.50**

Long Spouts. For house plants. Tin. 6 qt., **70c.**, 4 qt., **60c.**, 3 qt., **50c.**, 2 qt., **40c.**, 1 qt., each..... **.35**

WATERING TRUCK. Combining Hand Cart, Leaf Rack Barrel and Sprinkler Attachment. See page 168.

WEEDERS.

Eureka. An excellent hand weeder. 3 forged steel fingers. Each. **.30**

Excelsior. 5 fingered weeder. Mailed, each **25c.** Each..... **.10**

Hand Weeding Forks, Galvanized Iron. Large **20c.**, small.... **.15**

Hand Weeding Forks, Imported. Each..... **.75**

Hazeltine. Mailed, each **25c.** Each..... **.20**

Lang's. Mailed, each **25c.** Each..... **.20**

Mehler's Handy Garden. A new long handled 5-prong cultivator and weeder. Saves stooping. Each..... **.85**

Noyes. Diamond shape. Each..... **.20**

Weed Puller, Cleveland's. See pages 168 and 170.

Wikeham Weeder. For description see page 168.

WHEELBARROWS. Best quality. Painted light color bodies and red wheels, striped and varnished. No. 5 **$4.50**, No. 4 **$4.00**, No. 3 **$3.80**, No. 2.....**3.60**

WIRE.

Annealed, Galvanized Tying. No. 20, per stone **$1.00**; No. 18, per stone **$1.00**, lb..... **10**

Bouquet. Bright. Cut in lengths of 9 and 12 inches, in boxes of 12 lbs. (one stone) each. Nos. 22, 23 and 24, each.....**1.25**

WIRE PLANT STAND. See page 173.

INCUBATORS

Mandy Lee

Bring Out the Chicks

Some of the advantages of the Mandy Lee Incubators.

Heat adjustment from end to end, so that both ends of a large incubator may be kept the same at all times, no matter what the climate, season, weather or altitude.

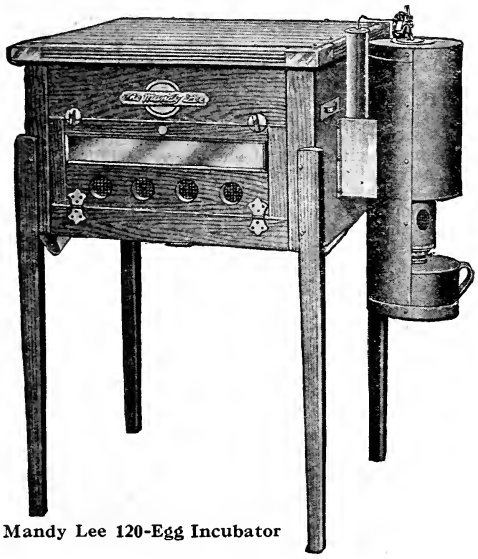
Heat adjustment from center to back and front. This enables the operator to keep the temperature in the middle the same as in the front or back.

Moisture measurement and automatic regulation of moisture are exclusive features of the Mandy Lee Incubator.

Automatic regulation of ventilation. This gives more regulation when heat runs high, and cuts off ventilation when heat runs low.

With our new complete automatic regulator we handle the whole thing at once. We set the regulator with certainty that it will take care of the extra heat in the day and low heat in the night. If heat runs high then heat is cut off, moisture is reduced automatically and ventilation increased automatically.

Mandy Lee 200-Egg Incubator



Mandy Lee 120-Egg Incubator

The **Mandy Lee Hygrometer** is the first successful instrument for measuring moisture in incubators and the only direct reading instrument, even now, as we have each detail protected with patents.

A new improvement is the new moisture pan, with three compartments which pull out at the end of the incubator and can be removed and cleaned or refilled without opening the incubator.

In all our large incubators we now furnish small trays holding about 60 or 70 eggs each, instead of large trays holding from 140 to 200 eggs each. We supply extra, one small tray for turning the eggs.

All of the heating pipes can be instantly removed by simply pulling them out at the end of the incubator. These should be cleaned after each hatch.

The **Mandy Lee** is constructed of air-dried California Redwood. We have found this wood is the best for incubator use as it does not readily crack, warp or shrink. We have also found that it is better when slowly and thoroughly dried in the open air of sunny California than when dried rapidly in the drying kiln by steam or other artificial heat. The Heater of the Mandy Lee has many points of superiority:

A special burner with high Wick-Tube and Wide Flame Slot.

A lamp bowl all in one piece.

A self-seating Chimney of our own invention.

A Drip Pan under the Lamp to collect any possible leakage.

A special Vent for any gas forming in the lamp.

Impossibility of filling the Lamp without first removing it from the Heater.

A perforated Sheet Metal Cylinder in the top of the Heater which puts out the lamp in case of accident.

The protecting, circular Shield guarding the body of the incubator. Full protection to every part exposed to heat by means of sheet metal and asbestos.

Mandy Lee Prices

Capacity	Each	Capacity	Each
75 Egg	**$13.00**	**200 Egg**	**$27.00**
120 Egg	**21.00**	**240 Egg**	**30.00**
150 Egg	**24.00**	**300 Egg**	**35.00**

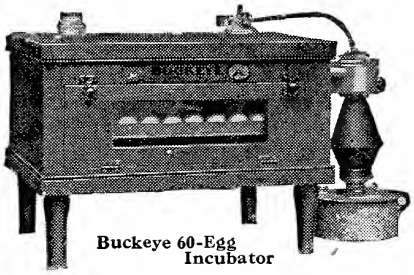
Our Special Incubator Catalogue gives every detail of the MANDY LEE construction and advantages. Sent Free.

Buckeye—Style A

Each and every Buckeye is sold under an absolute guarantee to hatch every hatchable egg and we have no hesitation in recommending to our trade under that guarantee, because we have sold hundreds of them during the past four years that have given our customers the most remarkable hatching results. Over 100,000 in successful operation.

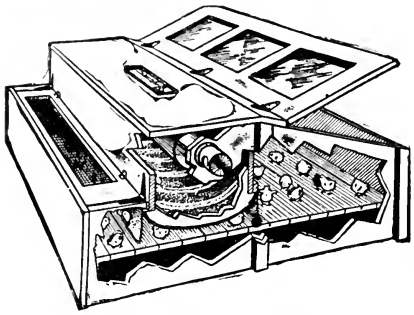
These incubators will not only hatch more chicks and stronger chicks than any other incubator, but in addition to that, they are so simple that a beginner can operate them just as successfully as an experienced poultryman.

Capacity, 60 eggs. Complete, ready to use, $10.00.



Buckeye 60-Egg Incubator

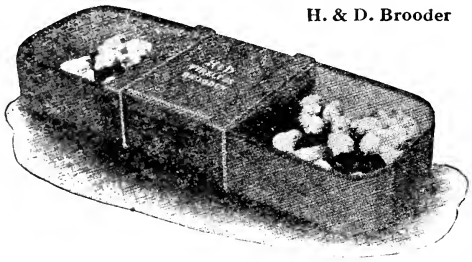
BROODERS THAT WILL RAISE CHICKS



Mandy Lee Indoor Brooder

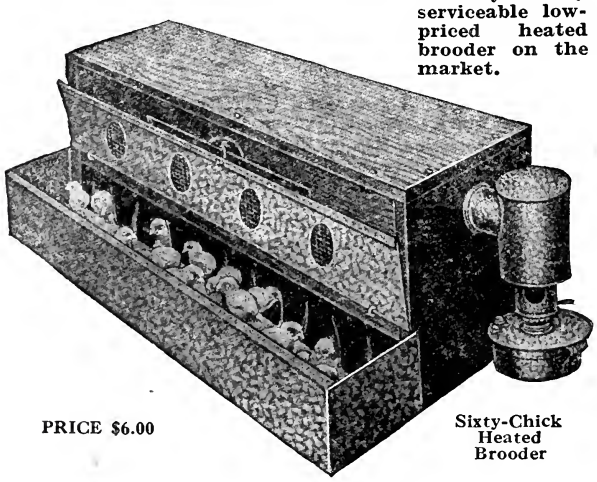
THE SECONDARY BROODER. This is a larger, more roomy and less expensive brooder for older chicks, or those from three to eight weeks of age. It is all hover and, while occupying no more floor space than the other brooder, gives fully twice the actual brooding capacity. It is simply a mother for the chicks that are too large for the ordinary brooder but not old enough to hustle for themselves during the damp weather or cool nights. It can be used anywhere—in a poultry house, barn, shed, piano-box—just so it is protected from wind and storm. **Price $8.00.**

H. & D. Brooder



MANDY LEE FIRELESS. The Mandy Lee Fireless Brooders are made in two sizes, 100-chick and 200-chick sizes. This capacity rating means that the brooder will hold that number of newly hatched chicks, but it must always be remembered when using fireless brooders that the number of chicks that can be put in the brooder depends on the size of the chicks and the outside temperature. The Adjustable Hover on the Mandy Lee Fireless Brooder enables the handling of this temperature adjustment conveniently.
Price 100-chick size $5.00, 200-chick size $8.00.

The only really serviceable low-priced heated brooder on the market.

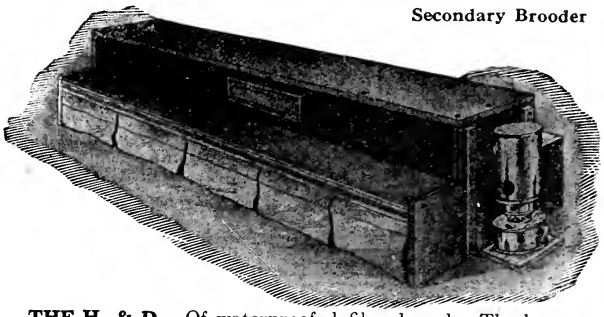


PRICE $6.00

Sixty-Chick Heated Brooder

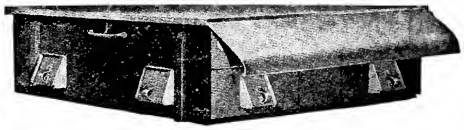
MANDY LEE INDOOR. The correct brooding principle is direct contact heat as provided by the long, narrow hover of the Mandy Lee Brooder. This has long been recognized as the ideal hover, but the problem of heating the hover evenly from end to end has been the sticking point until we invented our triple pipe heating system which has proved a perfect solution. The idea of applying a soft, contact heat direct to the backs of the chicks was never incorporated into anything practical until the manufacture of the Mandy Lee. The Mandy Lee Brooder is, of outside dimensions, 3x4 feet in size. It is as large as any 200-chick brooder on the market, but we call it only 100-chick size. It will hold more but it doesn't pay to crowd. **Price $13.00.**

Secondary Brooder



THE H. & D. Of waterproofed fiber board. The hover is suspended from the roof of the brooder, allowing an air space of ample capacity between the top of the brooder and the top of the hover. This hover is also an inch and a half from all sides of the brooder walls, so as to allow the free circulation of air around the hover chamber, then out through the ventilation holes in the top of the brooder. You will note from the cut that the H. & D. Brooder has two yards, one on either side, and for the first five or six days but one yard is used, the openings to yard No. 2 being closed by pieces of board which are supplied with the brooder. After the second or third day, yard No. 1 can be extended a trifle more to teach the chickens to go in and out. **Price $2.00.**

THE INTERNATIONAL HOVER possesses many advantages not found in any other Brooding Device. Send for Special Circulars. **Price $8.50.**



Mandy Lee Fireless

SIXTY-CHICK HEATED. Accommodates nicely more than 60 chicks. Lamp, heater, hover construction, cloth and metal parts, and width exactly the same as our "Regular" brooder. Length of hover 30 inches; openings in swinging door covered with 60-mesh brass-wire cloth, and, when lowered, either folds directly against hover opening or rests on flanged front of runway, making a rat- and cat-proof exercising space for the chicks. This Brooder is just the thing to go with a 60-egg or 75-egg Incubator. For larger machines we recommend the "Regular" Mandy Lee and the Secondary Brooder. **Price $6.00.**

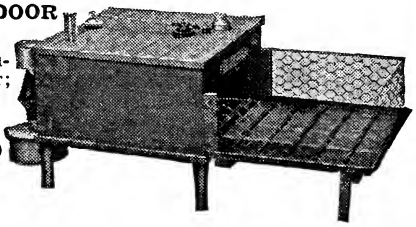
BUCKEYE INDOOR BROODER.

Top heat; circulating hot water; self-regulating.

No. 1.

Capacity 50 chicks.

Price $8.00.



POULTRY SUPPLIES AND FEEDS

F. F. R. Co.'s Poultry Feed

If you have never used any of our Poultry Feeds we wish to call your special attention to their high quality, which means more to you than cheap prices. Our reputation for Seeds, Bulbs and Plants will stand equally high for our Poultry Supplies. While the prices of grains fluctuate, we do not bind ourselves to prices herein quoted. Apply to us and we will be pleased to quote prices. We will credit all bags returned in good condition.

QUALITY MASH FEED. Protein, not less than 20 per cent.; fat, not less than 4 per cent.; fiber, not more than 10 per cent. Ingredients: Corn meal, wheat bran, ground oats, wheat middlings, alfalfa meal, beef scraps, gluten, charcoal, oil meal. This mixture has stood the test for over six years without a change of formula. It is blended from only the best of grains. 5 lbs. 15c., 10 lbs. 25c., 25 lbs. 65c., 50 lbs. $1.10, 100 lbs. $2.10; 5 bags, f. o. b. Boston, $10.00.

QUALITY SCRATCH FEED. Contains various cracked grains so blended as to give the fowl the right proportion of each grain to produce the condition that will give the user the eggs. This mixture contains but a small amount of corn. 5 lbs. 15c., 10 lbs. 25c., 25 lbs. 65c., 50 lbs. $1.10, 100 lbs. $2.10; 5 bags, f. o. b. Boston, $10.00.

QUALITY CHICK FEED. Composed largely of cracked wheat and oats. A very small proportion of corn is used, as we believe too much corn is a detriment to a young chicken's development. It contains not an ounce of anything but pure grains. 5 lbs. 20c., 10 lbs. 30c., 25 lbs. 70c., 50 lbs. $1.30, 100 lbs. $2.50; 5-bag lots, f. o. b. Boston, $12.00.

QUALITY GROWING FEED. Blended from the developing grains and ground into a mash. Protein, 12 to 14.50 per cent.; fat, 3.50 to 4.50 per cent.; fiber, not over 9 per cent. Ingredients: Ground corn, ground barley, cotton seed, wheat mixed feed, rye shorts. We know from experience that it will start your pullets laying from 4 to 6 weeks earlier than other so-called forcing foods. 5 lbs. 15c., 10 lbs. 25c., 25 lbs. 60c., 50 lbs. $1.15, 100 lbs. $2.20, 5-bag lots, f. o. b. Boston, $10.00.

QUALITY INTERMEDIATE CHICK FEED. Same as the chick feed only not ground quite as fine. 5 lbs. 20c., 10 lbs. 35c., 25 lbs. 75c., 50 lbs. $1.30, 100 lbs. $2.35; 5 bags, f. o. b. Boston, $11.50.

QUALITY PIGEON FEED. Our peas in this mixture are grown especially for us and are small and plump. As are our other mixtures, it is blended for development and growth. 5 lbs. 20c., 10 lbs. 35c., 25 lbs. 75c., 50 lbs. $1.35, 100 lbs. $2.35. 5-bag lots, f. o. b. Boston.

Beef Scraps. We consider ground beef scraps almost indispensable for making hens lay during the Winter. Feed at least three times per week one ounce for each fowl, mixed with the daily mash. 5 lbs. 20c., 10 lbs. 35c., 25 lbs. 85c., 50 lbs. $1.50, 100 lbs. $2.75.

Edible Bone Meal. Made of steamed sweet bone pulverized. A fine article for growing or laying birds. 5 lbs. 20c., 10 lbs. 35c., 25 lbs. 75c., 50 lbs. $1.30, 100 lbs. $2.50.

Alfalfa Clover Meal. The Clover stock, leaf and blossom are all ground together so that the fowl gets all the substance of the matter entering into this carefully balanced food product. It comes nearest to nature of any grain and vegetable mixture. 5 lbs. 20c., 10 lbs. 35c., 25 lbs. 75c., 50 lbs. $1.25, 100 lbs. $2.25.

Hulled Oats. Hulled Oats are excellent for young poultry, especially ducks and turkeys; they are far superior to wheat, corn, rye or other grains, being easily assimilated and contain more bone and muscle making properties than other grains. 5 lbs. 25c., 10 lbs. 45c., 25 lbs. 85c., 50 lbs. $1.65, 100 lbs. $3.25.

Parrot and Canary Feed. We make a specialty of Parrot and Canary feeds, which are mixed by us from direct imported seeds. Parrot seed: Qt. 10c., 3 qts. 25c., pk. 65c., ½ bus. $1.25. Canary seed: 1 lb. 10c., 3 lbs. 25c., 10 lbs. 65c., 25 lbs. $1.50, 50 lbs. $2.75, 100 lbs. $5.25.

Oyster Shells. We handle the Baltimore shells recleaned. They contain no dust. 8 lbs. 10c., 25 lbs. 25c., 50 lbs. 45c., 100 lbs. 75c.

Mica Spar Grit. Has a sharp retained edge, thereby insuring perfect cutting and grinding qualities. Price: 8 lbs. 10c., 75c. per 100 lbs.

Poultry Charcoal. Poultry keepers cannot afford to be without charcoal. It absorbs dangerous elements from the fowl's system and prevents many sicknesses. It comes in three sizes, coarse, medium and very fine. Price, 2-lb. carton, 10c., 50 lbs. $1.00.

Dried Blood Meal. This is a highly concentrated form of animal food, rich in albumin and egg-forming material. It is odorless and contains only pure blood which makes it the cheapest animal egg food on the market today. Per 100 lbs. $3.50.

Hen-e-ta. The only and absolutely sterile and germ-free "phosphatic-poultry-food" on the market. If judiciously used, as per formulas herewith, will save its weight and cost in grains. In other words, 500 lbs. grain plus 150 lbs. Hen-e-ta will make just as many pounds of protein assimilable as would 650 lbs. of grains fed the "old" way, with oyster shells, grits, etc. Hen-e-ta thus costs little or nothing. A whole army of poulterers, who keep records of their feeds, will tell you so. Price, 100 lbs. $2.25, 500 lbs. $9.00.

Spratt's Patent Pheasant Meal No. 5. For young pheasants.

Spratt's Patent Pheasant Food No. 3. For adult birds. Price, 5 lbs. 40c., 10 lbs. 75c., 25 lbs. $1.50, 50 lbs. $2.85, 100 lbs. $5.50.

Spratt's Poultry Food No. 3. A cooked food. The best and cheapest on the market. Is prepared strictly according to modern scientific methods and is the result of exhaustive experiments. It is neither a medicine nor a condiment, but a well-balanced ration, specially prepared to produce eggs. It doubles the egg production, improves the quality and flavor of the egg, enriches the color of the yolk, increases the number of fertile eggs, and strengthens the germ. 5 lbs. 40c., 10 lbs. 75c., 25 lbs. $1.50, 50 lbs. $2.85, 100 lbs. $5.50.

Spratt's Chicgrain. Is a perfectly balanced insect and vegetable ration; easily digested and highly nutritious. It is a compound of grains, meat, milk, etc.; the original formula has been used and improved upon for more than twenty years. Price, 5 lbs. 35c., 10 lbs. 60c., 25 lbs. $1.00, 50 lbs. $1.75, 100 lbs. $3.25.

Spratt's Patent Chick Meal No. 5 and Chick Meal No. 12. This is a substitution for insect life in addition to its other advantages, and thereby reduces mortality to a minimum, saving ten times its cost and frequently the cream of the flock. Price, 5 lbs. 40c., 10 lbs. 75c., 25 lbs. $1.50, 50 lbs. $2.75, 100 lbs. $5.25.

Sunflower, Mammoth Russian. 3 qts. 25c., pk. 65c. ½ bus. $1.25.

5-bag lots of mixed grain put f. o. b. Boston. Prices subject to market fluctuations. Quotations gladly given on application.

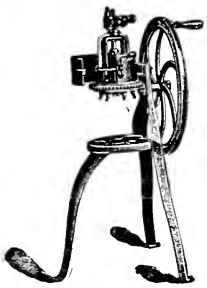
GRAINS IN SMALL QUANTITIES

	5 lbs.	10 lbs.	25 lbs.	50 lbs.	100 lbs.
Cracked Corn	$0.15	$0.25	$0.55	$1.00	$1.80
Whole Corn	.15	.25	.55	1.00	1.80
White Wheat	.15	.25	.60	1.10	2.20
Red Wheat	.15	.25	.60	1.10	2.10
Oats	.15	.25	.60	1.00	1.80
Kaffir Corn	.15	.25	.60	1.15	2.25
Barley	.15	.25	.55	1.00	1.80
Canada Field Peas	.35	.60	1.40	2.50	5.00
Hemp	.35	.60	1.30	2.50	4.00
Rape	.40	.75	2.00	3.50	6.00
Millet	.35	.60	1.00	1.75	3.50

POULTRY SUPPLIES

Clover Cutters. Cut any quantity of Hay or Clover, either dry or green. Every revolution of the balance wheel produces twelve cuts Price, with balance wheel, $8.00; with balance wheel on iron stand, $10.00.

Clover Cutter, Stearns. Designed for small poultry growers, 14½ in. long, 5 in. wide. Works perfectly. $3.50



Mann's Bone Cutter

Bone Cutters, Mann's. The feed is both automatic and self-governing. Drop the bone into the open cylinder; there is no packing, no fussing, no bother, no arrangement; you simply toss in the bone on one side or both sides of partition as you like, drop the follower in place, clasp on the feed handle and you are ready, with both hands free to help each other if you so desire.

No. 5 C with crank handle. Price $6.00.

No. 5 B with balance wheel Price $8.00.

No. 5 BM with balance wheel mounted on iron stand. Price $10.40.

The above are all the same size hopper intended for flocks of from 15 to 25 hens; simply different in the mount.

No. 7. Mounted on stand, intended for flocks of from 40 to 100 hens. Price $12.00.

Larger sizes if you wish, for power Machines.

Waterproof Sheeting for Poultry House. Better than windows and far healthier for your fowls. Per yd. 10c.

Sanitary Stone Drinking Founts. Easily kept clean; chicks cannot tip them over. 1 qt. 25c., 2 qts. 30c. 4 qts. 40c.

Easy Access Fountain. Made in two sections, thereby making it easy to clean. The hood prevents the water from becoming fouled. It can be hung against walls or from beams. Price 2 qt. 50c., 4 qt. 60c., 8 qt. 85c.

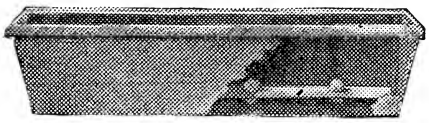
French Killing Knives. Made of finely tempered steel, with nickeled handle. Price 50c.

Leg Bands, Double Clinch. Made of aluminum in sizes to fit any breed of birds. Quite a necessary article if the birds are to be kept from mixing up. Price 15c. per doz., 75c. per 100.

Leg Bands, Celluloid. In all colors. Price 25c. per doz. $1.50 per 100.

Peerless Dry Food Hopper. Takes up no floor space, is not in the way of fowls, is inaccessible to rats. Each size furnished with cord and pulley. 8 qt. size $1.00, 16 qt. size $1.50, 32 qt. size $2.00.

Hopper and Feeder No. 24. The best small dry feed hopper made; accommodates ten to twelve birds at once. Price 50c.



Self-watering Window Box

Sexton Sanitary Drinking Fountain. A fountain with all the good features. Easily cleansed and nothing to get out of order. One size only. 4 qts. 50c. each.

Dome Top Chicken Fount. Especially adapted for young chicks. Made of heavy galvanized iron in two parts. The round top prevents their roosting on top. Price 1 qt. 20c., 2 qt. 25c., 4 qt. 35c.

Dome Top Fount

Nest Eggs, Knox Medicated. A combination of nest egg and lice killer—retains its power until fully evaporated. They keep the nest clean and sweet. Price 5c. each, 50c. per dozen.

Porcelain Eggs. These eggs are of best flint glass. White. Each 3c., doz. 25c.

3-Cylinder Hopper, for Sheel, Grit and Charcoal. Is made of heavy iron and galvanized after it is made. Will not clog, and we believe it to be the best self-feeding hopper made. Price 75c. each.

Poultry Marker

Philadelphia Poultry Marker. Made in two sizes. One for chicks, one for fowl. Price each 25c.

Lever Poultry Puncher. One of the most satisfactory punchers used. Price 25c. each.

Philadelphia Caponizing Sets. Increase your profits by caponizing the surplus birds. Prices from $2.50 to $7.50 per set.

Egg Tester. The Mandy Lee is made so as to get the greatest possible value of the light. Price each 25c.

Pigeon Nests. Made of earthenware. Price each 15c.

Thermometers for Brooders. Price 50c.

Thermomteers for Mandy Lee Incubators. Price 75c.

Sprayers for Using Liquid Lice Killer. Price 50c.

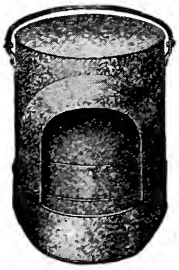
Wire Hens' Nests. Price each 15c., doz. $1.50.

Feed Pan. It is so constructed that the food cannot be wasted; the saving thus effected will alone pay the price of the pan in a short time. Chick size, 10 in. long, 1½ in. deep, 4 in. wide. Price 25c.

Half grown Chicks or Pigeons, 18 in. long, 2 in. deep, 4½ in. wide. Price 40c.

Full grown Fowl, 24 in. long, 3 in. deep, 6 in. wide. Price 70c.

Poultry Punch



Sexton Sanitary Drinking Fount

The Boston Hopper. Made of galvanized iron. Hopper holds ½ bus.; enough for 20 hens one week. Price $1.00 each. Boston Beef Scrap Hopper, 90c. each. Small Chick Hopper, $1.00 each. Large Chick Hopper, $2.25 each.

Sexton Dry Feeder. Made of galvanized iron with swinging grid automatically holding in place until all is consumed; easily filled and rat proof. Hen size, $1.00; chick size, 85c.

Stone Chick Feeder. One size, each 15c.

Egg Box, Anderson. Made of corrugated paper with double faced corrugated paper partitions protecting each individual egg; folded flat in shipment. Price No. 3, 1 sitting, $1.15 per doz.; No. 4, 2 sitting, $1.90 per doz.; No. 5, 50 egg, $2.75 per doz.; No. 6, 100 egg, $4.50 per doz.

Live Chick Box. Made of corrugated paper throughout.

Poultry Shipping Coops. 1 bird, 40c. each; 2 bird, 45c. each; 4 bird, 60c. each.

Perfection Shipping Crate. Holds 12 to 15 fowls. $1.00 each.

The Fletcher Egg Shipping Case. 15-doz. size, $1.00; 30 doz., $1.25.

Mandy Lee Egg Tester

POULTRY SUPPLIES—Continued

Wire Fence. Our Hexagon Wire Fences are dipped in galvanized fluid after weaving, so do not rust easily. At prices quoted here we can deliver at your freight station if shipped from the factory; otherwise, if shipped from Boston, prices f. o. b. Boston in lots of less than 200 lbs. 200 lbs. or over we deliver at your freight station.

Width	Size Wire	Price per roll	Length	Weight about
		2-inch Mesh		
24 in.	No. 19	$1.40	150 ft.	20 lbs.
36 in.	No. 19	2.05	150 ft.	30 lbs.
48 in.	No. 19	2.70	150 ft.	40 lbs.
60 in.	No. 19	3.40	150 ft.	50 lbs.
72 in.	No. 19	4.05	150 ft.	60 lbs.
		1-inch Mesh		
12 in.	No. 20	$1.50	150 ft.	18 lbs.
18 in.	No. 20	2.20	150 ft.	27 lbs.
24 in.	No. 20	2.95	150 ft.	36 lbs.
30 in.	No. 20	3.70	150 ft.	45 lbs.
36 in.	No. 20	4.40	150 ft.	55 lbs.

ROYAL POULTRY AND RABBIT FENCE

Designs, 2158, 2053, 1948

Stays, 6 inches apart. Rolls, 10 rods each. Designed especially to meet the urgent and growing demand from all sections for a thoroughly good and efficient poultry fence. Strong, substantial and adequate for gardens, orchards, yards and all places where it is desirable to confine or keep out poultry or other small animals. This fabric is not a light netting but is a substantial fence, which, if properly erected, will not fail to bear out all and more than is claimed for it.

Design No.	Distance between stays	Height inches	No. of bars	Approx. weight per rod	List price per rod
2158	6	58	21	13.2	$0.48
2053	6	53	20	12.6	.46
1948	6	48	19	11.7	.44

POULTRY REMEDIES

Sterlingworth Diarrhoea Remedy. 50c.
Sterlingworth Rat Killer. 25c.
Sterlingworth Sulphur Candles. 10c. each.
Sterlingworth Song Restorer. Pkg. 10c.
Loose Catnip. Pkg. 10c.
Lambert's Death to Lice. Sizes: 5 oz. 10c., 15 oz. 25c., 48 oz. 50c., 100 oz. $1.00.
Head Lice Ointment. 3-oz. tins, 25c.

POULTRY REMEDIES—Continued

Lee's Lice Killer — The original liquid lice killer with many imitators but no equal. Guaranteed BETTER than any other. Strongest and best. Kills both by vapor and contact ALL vermin whether on the walls of the poultry-house or on the body of the fowls. Also a powerful disinfectant. Disease germs cannot live where Lee's Lice Killer is used regularly. Sizes: gallons, half-gallons and quarts, at $1.00, 60c. and... **35c.**

Lee's Egg Maker — The perfect substitute for ALL other forms of meat food. Contains more DIGESTIBLE protein, costs less, and goes further, than beef scraps, bone, or any other meat food. Used by BIG breeders everywhere. Equally valuable as a Winter food for hens, for all penned-up poultry, and as a growing food for chicks. Four sizes: 100-lb., 25-lb., 5½-lb., and 2½-lb., that sell for $6.50, $2.00, 50c. and..... **25c.**

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Barred Plymouth Rock	1.50 and up	8.00
White Plymouth Rock	1.50 and up	8.00
White Leghorn	1.50 and up	8.00
Brown Leghorn	1.50 and up	8.00
Light Brahma	2.00 and up	10.00
Black Minorca	1.50 and up	8.00
White Orpington	2.50 and up	12.00
Buff Orpington	2.50 and up	12.00
Black Orpington	2.50 and up	12.00
White Pekin Duck	1.50 and up	8.00
Indian Runner Duck	2.00 and up	10.00

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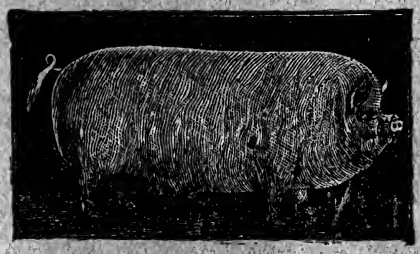

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